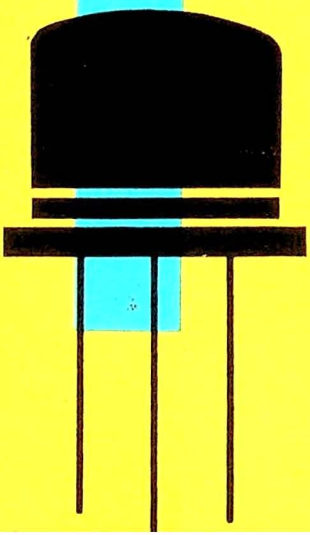
Transistoren-Vergleichstabelle

3. Auflage



FRANZIS

TRANSISTOREN VERGLEICHSTABELLEN

3. völlig neu bearbeitete und erweiterte Auflage

FRANZIS-VERLAG MÜNCHEN

Berechtigte Ausgabe für die Bundesrepublik Deutschland, für Österreich und für die Schweiz.
Titel der niederländischen Originalausgabe "Transistor Equivalents".

1973

Franzis-Verlag G. Emil Mayer KG

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ISBN 3-7723-5553-6

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Transistoren – Vergleichstabellen

3. Auflage

VORWORT

Dieses Buch enthält für etwa 9.000 Transistoren mehr als 56.000 Ersatztypen.
Anders als bei Röhren, kann man bei Transistoren nicht immer von direkt austauschbaren äquivalenten Typen sprechen. Dies weiss jeder, der die Anwendungsmöglichkeiten und die Herstellungsverfahren von Transistoren kennt.
So unterscheiden sich die in den Spalten 5 bis 10 aufgeführten Typen in den meisten Fällen z.B. in Kenndaten, Abmessungen, maximalem Strom, Leistung und anderen mechanischen oder elektrischen Eigenschaften von denen in Spalte 1.
Daher ist es empfehlenswert, zumindest in Zweifelsfällen, die Daten des in Frage kommenden Ersatztyps mit den in einem speziellen Handbuch, wie der vom Franzis-Verlag, München, herausgegebenen Kristalldioden- und Transistoren-Taschen-Tabelle, aufgeführten genauen Daten zu vergleichen.
Einige Transistor-Benennungen haben als Index entweder eine römische Zahl oder einen Buchstaben, die in den meisten Fällen den minimalen oder maximalen Stromverstärkungsfaktor angeben. Die Buchstaben stehen für den farbigen Punkt auf dem Transistorgehäuse und bedeuten: zw = schwarz; br = braun; r = rot; or = orange; g = gelb; gr = grün; bl = blau; v = violett; gs = grau; w = weiss.
Diese Daten wurden mit grösstmöglicher Sorgfalt aus Herstellerdaten zusammengetragen. Dennoch kann der Verlag keine Verantwortung für eventuelle Ungenauigkeiten übernehmen.

1	2	3	4	5	6	7	8	9	10
TYP	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1) Transistor-Kodierung
2) g = Germanium; s = Silizium
3) n = n p n; p = p n p
4) F = Erdteil, in dem der Typ hergestellt wird
5) Vergleichbarer europäischer Typ
6) Vergleichbarer eur. Typ
7) Vergleichbarer eur. Typ
8) Vergleichbarer amerikanischer Typ
9) Vergleichbarer am. Typ
10) Vergleichbarer japanischer Typ

INTRODUCTION

This publication will enable the user to find substitutes for given transistors.
To this end approx. 9,000 types with more than 56,000 substitutes have been included.
Unlike with electronic valves it is very rare that one can speak of direct substitutes or "equivalents" with semi-conductors.
Anyone who is familiar with the application and manufacturing methods of transistors is aware of this.
In most cases the types mentioned in columns 5–10 inclusive are slightly different in some respect from those in column 1 – e.g. in characteristics, dimensions, admissable current, dissipation or other mechanical or electrical features. It is recommended therefore – at least where there is some doubt – that the detailed features of the substitute in question should be checked by consulting the full specifications as quoted in a specialist handbook such as the Kristalldioden- und Transistoren-Taschen-Tabelle, published by FRANZIS-VERLAG, München.
Some type descriptions are provided with an index consisting either of a letter or a roman numeral, and indicating in most cases the minimum and maximum of the Current Gain Factor. The letters refer to a coloured dot on the transistor casing as follows:
zw = black; br = brown; r = red; or = orange; g = yellow; gr = green; bl = blue; v = violet; gs = grey; w = white.
These tables were compiled with the utmost care from the manufacturers' own specifications. The publishers cannot therefore assume responsibility for any inaccuracies in the contents.

1	2	3	4	5	6	7	8	9	10
TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1) transistor code system
2) g = germanium
   s = silicon
3) n = n p n; p = p n p
4) F = country of origin
5) European equivalent
6) European equivalent
7) European equivalent
8) American equivalent
9) American equivalent
10) Japanese equivalent

INTRODUCTION

EQUIVALENCE DES TRANSISTORS

Cette publication permettra à l'utilisateur de trouver des équivalents pour des transistors donnés. Dans ce but, environ 9.000 transistors et plus de 56.000 équivalents sont inclus. Contrairement aux tubes, il est très difficile de parler de remplacements directs en matière de semi-conductors. Un familier de l'application et des méthodes de fabrication des transistors est au courant de ce problème.
En général, les types mentionnés de la colonne 5 à 10 incluse sont sensiblement différents de ceux de la colonne 1 en caractéristiques dimensions, courant admissible, perte ou autres traits mécaniques ou électriques.
En conséquence, il est recommandé, spécialement en cas de doute que les caractéristiques détaillées de l'équivalent en question soient vérifiées par rapprochement auprès d'un livre spécialisé, tel que les manuels Kristalldioden- und Transistoren-Taschen-Tabelle, publié par FRANZIS-VERLAG, München.
Certaines descriptions de type sont fournies par un index consistant soit en une lettre ou un chiffre romain, qui indique dans la plupart des cas les minimums et maximums du facteur gain de courant.
Les lettres correspondant à une bande colorée sur les transistors se classant comme suit: zw = noir; br = marron; r = rouge; or = orange; g = jaune; gr = vert; bl = bleu; v = violet; gs = gris; w = blanc.
Ces tables ont été rédigées avec le plus grand soin sur des instructions propres des fabricants.
L'éditeur en conséquence ne peut être tenu responsable pour d'éventuelles erreurs insérés.

1	2	3	4	5	6	7	8	9	10
TYPE	**G/S**	**P/N**	**F**	**EUR**	**EUR**	**EUR**	**AM**	**AM**	**JAP**

1) Code des transistors
2) g = germanium
   s = silicium
3) n = n p n; p = p n p
4) F = Pays d'origine
5) Equivalent Européen
6) Equivalent Européen
7) Equivalent Européen
8) Equivalent Américain
9) Equivalent Américain
10) Equivalent Japonais

INLEIDING

Deze uitgave wil de gebruiker behulpzaam zijn bij het zoeken naar een vervang-type voor een bepaalde transistor. Daartoe zijn ca. 9.000 typen met meer dan 56.000 vervangtypen opgenomen. Anders dan bij elektronenbuizen kan men bij halfgeleiders vrijwel nooit van direkte vervangtypen of "equivalenten" spreken. Dit weet een ieder, die bekend is met de toepassing en de fabricagemethoden van transistoren.
In de meeste gevallen zullen de typen in de kolommen 5 t/m 10 kleine verschillen vertonen t.o.v. die in kolom 1; bijv. in karakteristieken, in afmetingen, in toelaatbare stroom, -dissipatie of in een ander mechanisch of elektrisch kenmerk. Het verdient dan ook aanbeveling, – zeker in twijfelgevallen –, om alle eigenschappen van het gevonden type te kontroleren aan de hand van de volledige specificaties in een handboek, bijv. Kristalldioden- und Transistoren-Taschen-Tabelle, uitgegeven door FRANZIS-VERLAG, München.
Sommige type-aanduidingen zijn voorzien van een index, die kan bestaan uit een letter of een romeins cijfer, waarmee in de meeste gevallen de onder- en bovengrens van de stroomversterkingsfactor wordt aangegeven. De letters verwijzen naar een bepaalde kleur, die dan in de vorm van een bepaalde stip op de transistoromhulling is aangebracht: zw = zwart; br = bruin; r = rood; or = oranje; g = geel; gr = groen; bl = blauw; v = violet; gs = grijs; w = wit.
Deze vergelijkingstabellen werden met de grootste zorg samengesteld, waarbij van fabrieksgegevens werd gebruik gemaakt. De uitgeefster kan zich dan ook niet aansprakelijk stellen voor eventueel nog voorkomende onjuistheden.

1	2	3	4	5	6	7	8	9	10
TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1) transistor codering
2) g = germanium
   s = silicium
3) n = n p n; p = p n p
4) F = werelddeel waarin type werd gemaakt
5) Europees vergelijkbaar type
6) Europees vergelijkbaar type
7) Europees vergelijkbaar type
8) Amerikaans vergelijkbaar type
9) Amerikaans vergelijkbaar type
10) Japans vergelijkbaar type

INTRODUKTION

Denna upplaga kommer att hjälpa läsaren att finna en ersättare för en viss transistor. För detta ändamål har vi ungefär 9.000 typer med över 56.000 ersättare.
Den, som är förtrogen med drift och användning av transistorer vet, att när det gäller halvledare och olika elektronrör kan man knappast tala om verklig ersättare eller motsvarighet. I de flesta fall kommer de nämnda typerna i kolumnerna 5 till 10 att uppvisa små skillnader jämfört med de som nämns i kolumn 1; t.ex. i karakteristiker, dimensioner, tillåten ström, effektförluster eller i någon annan mekanisk eller elektrisk egenskap.
Därför rekommenderas — speciellt i tveksamma fall — att kontrollera alla egenskaper hos ersättarens specifikation beskriven i en handbok, t.ex Kristalldioden- und Transistoren-Taschen-Tabelle, publicerad av FRANZIS-VERLAG, München.
Några typbeskrivningar består av ett index, som kan innehålla antingen en bokstav eller en romersk siffra, med vilken i de flesta fall strömförstärkningsfaktorns minimi- och maximivärde är angivet.
Bokstäverna hänför sig till en speciell färg, som syns i en liten fläck på transistorkåpan: zw = svart; br = brun; r = röd; or = orange; g = gul; gr = grön; bl = blå; v = violett; gs = grå; w = vit.
Dessa tabeller med ersättningstransistorer har utarbetats med yttersta noggrannhet och på grundval av tillverkarens data. Som en följd härav kan inte förläggaren hållas ansvarig för eventuella fel, som kan uppstå.

1	2	3	4	5	6	7	8	9	10
TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1) Transistor-kod-system
2) g = germanium
   s = kisel
3) n = n p n; p = p n p
4) F = ursprungsland
5) europeisk motsvarighet
6) europeisk motsvarighet
7) europeisk motsvarighet
8) amerikansk motsvarighet
9) amerikansk motsvarighet
10) japansk motsvarighet

INDLEDNING

Denne udgave vil hjælpe læseren til at finde en erstatning for en bestemt transistor. Til dette formål indeholder bogen ca. 9.000 typer med ialt over 56.000 erstatningsmuligheder. Enhver, der er bekendt med transistorers funktion og advendelse, vil vide, at modsat elektronrør kan man, når det drejer sig om halvledere næsten aldrig tale om egentlige erstatninger eller ækvivalenter.
De typer, der nævnes i spalterne 5 til 10, vil i de fleste tilfælde udvise små forskelle i forhold til de typer, som omtales i spalte 1. Det drejer sig om forskelle i anvendelsesområder, dimensioner, maximal tilladelig strøm, tab og alle andre mekaniske og elektriske egenskaber.
Derfor anbefales det – især i tvivlstilfælde – at sammenholde alle den omtalte types egenskaber med de fuldstændige specifikationer, som findes i en håndbog, f. eks. Kristalldioden- und Transistoren-Taschen-Tabelle, udgivet af FRANZIS-VERLAG, München.
Nogle typebeskrivelser er forsynet med en henvisning, som kan være enten et bogstav eller et romertal. Disse henvisninger viser i de fleste tilfælde laveste og højeste strømforstærkning. Bogstaverne henviser til en bestemt farve, der findes gengivet som en prik på transistorens hus.
zw = sort; br = brun; r = rød; or = orange; g = gul; gr = grøn; bl = blå; v = violet; gs = grå; w = hvid
Tabellerne er udarbejdet med den største omhu og er baseret på fabrikanternes opgivne data. Forlaget kan derfor ikke gøres ansvarligt for eventuelle fejl.

1	2	3	4	5	6	7	8	9	10
TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1) Transistorbetegnelse
2) G = Germanium, S = Silicium
3) n = n p n; p = p n p
4) F = Oprindelsesland
5) Europæisk ækvivalent
6) Europæisk ækvivalent
7) Europæisk ækvivalent
8) Amerikansk ækvivalent
9) Amerikansk ækvivalent
10) Japansk ækvivalent

INTRODUKSJON

Denne utgave vil hjelpe brukeren å finne en substitutt for en spesiell transistor.
For det formål er der 9.000 typer med over 56.000 substitutes. Enhver som er vel kjendt med framgangsmåte og anvendelse av transistorer, vil vite at, med hensyn til semiconductors og ulike elektroniske tuber, kan man vanskelig snakke om virkelige substitutes eller equivalents.
I de fleste tilfeller vil de typer nevnt i kolonne 5 til og med 10 vise små differenser i forhold til de nevnt i kolonne 1, f.ekspl. i karakteristikker, dimensjoner, tillatt ström, spredning, eller i noen annen mekanisk eller elektrisk form. Derfor er det rådelig, spesielt i tvilsomme saker, å sjekke alle egenskaper av den ekvivalente type på basis av den fullstendige specifikasjon anfört i en håndbok, f.ekspl. Kristalldioden- und Transistoren-Taschen-Tabelle, utgitt av FRANZIS-VERLAG, München.
Noen typebeskrivelser er forsynt med et index, som kan bestå av, enten en bokstav eller at romersk nummer, med hvilket i de fleste tilfeller, minimum og maksimum av strömforsterknings faktorer er anvist.
Bokstavene refererer til en bestemt farge som er vist på et punkt på transistorboksen.
zw = svart; br = brun; r = röd; or = oransje; g = gul; gr = grönn; bl = blå; v = fiolett; gr = grå; w = hvit.
Disse tabeller for equivalents er utarbeidet med den största omhu og på grunnlag av fabrikantenes data. Fölgelig kan ikke forlaget bli holdt ansvarlig for mulig forekommende feil.

1	2	3	4	5	6	7	8	9	10
TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1) Transistor kode systemer
2) g = germanium
   s = silicon
3) n = n p n; p = p n p
4) F = Opprindelsesland
5) Europeisk equivalent
6) Europeisk equivalent
7) Europeisk equivalent
8) Amerikansk equivalent
9) Amerikansk equivalent
10) Japansk equivalent

INTRODUZIONE

Questa edizione costituisce un vero ausilio per il tecnico nella recirca di un sostituto per un determinato tipo di transistore. Sono stati infatti inclusi circa 9.000 tipi con oltre 56.000 possibili sostituzioni.
Chiunque abbia dimestichezza con questa operazione, ossia con la sostituzione di semiconduttori o di tubi elettronici, sa che difficilmente si può parlare di vera equival enza nelle sostituzioni.
Nella maggior parte dei casi, i tipi elencati nelle colonne da 5 a 10 inclusi, registrano piccole differenze nei confronti di quelli che troviamo nella colonna 1: per esempio, nelle caratteristiche, nelle dimensioni, nella tensione massima ammessa, nella dissipazione o in altri dettagli meccanici o elettrici. E'perciò raccomandabile, specie nei casi dubbi, un controllo di tutte le proprietà di un tipo equivalente sulla base dei dati forniti da un manuale specializzato, per es. quello sui Kristalldioden- und Transistoren-Taschen Tabelle, pubblicato dalla FRANZIS-VERLAG, München.
Un certo numero di descrizioni di tipi sono fornite con un indice, che consiste in una lettera o in un numero, coi quali nella maggior parte dei casi sono indicati la massima corrente ammessa e il fattore di guadagno.
Le lettere si riferiscono a certi colori che appaiono in un punto sull'involucro del transistore: zw = nero; br = marrone; r = rosso; or = arancio; g = giallo; gr = verde; bl = blu; v = viola; gs = grigio; w = bianco.
Queste tabelle sono state compilate con la massima cura e sulla base dei dati forniti dai costruttori. Di conseguenza l'editore non si assume alcuna responsabilità per eventuali deprecabili errori.

1	2	3	4	5	6	7	8	9	10
TIPO	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1) Sistema di codice dei transistori
2) g = germanio; s = silicio
3) n = n p n; p = p n p
4) F = paese d'origine
5) Equivalente europeo
6) Equivalente europeo
7) Equivalente europeo
8) Equivalente americano
9) Equivalente americano
10) Equivalente giapponese

טרנזיסטורים שווי ערך
הקדמה

מהדורה זו תסייע לקורא למצוא ממלא מקום לטרנזיסטור מסוים.

למטרה זו נכללו בערך 9.000 סוגים עם למעלה מ־56.000 ממלאי מקום.

כל הבקיא בפעולת טרנזיסטורים ויישומם יודע, כי בהקשר לחצאי מוליכים ־ בנגוד לשפורפרות אלקטרוניות ־ כמעט ואי אפשר לדבר על ממלאי מקום או שווי ערך, במלוא מובן המילה.

ברוב המקרים יהיו הברלים קטנים בין הסוגים המופיעים בתורים 5 עד 10 ועד בכלל, לכן אלה המופיעים בתור 1. כגון: תכונות, מידות, זרם מותר, פיזור, או בכל תכונה מיכנית או חשמלית אחרת.

לכן מומלץ ־ במקרים של ספק ־ לבדוק את כל התכונות של הסוג שווה־הערך, על יסוד המפרטים המלאים המופיעים במדריך מקצועי, כדוגמת המדריך לחצאי מוליכים המוצא לאור ע״י החברה: FRANZIS-VERLAG, München.

כמה תאורי סוגים מצוידים באינדקס, היכול להיות מורכב מאות או מספדה רומית, ובו מפורטים ברוב המקרים רכיבי הגברת הזרם המינימליים והמכסימליים.

האותיות מתיחסות לצבע מסוים המופיע בצורת נקודה על מיכל הטרנזיסטור: zw־ שחור, br־ חום, r־ אדום, or־ כתום, g־ צהוב, gr־ ירוק, bl־ כחול, v־ סגול, gs־ אפור, w־ לבן.

הלוחות של טרנזיסטרים שווי ערך אלה, הוכנו בקפדנות רבה על סמך הנתונים של היצרנים. מאידך, אין להטיל על ההוצאה לאור את האחריות לטעויות אפשריות.

1	2	3	4	5	6	7	8	9	10
סוג	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1. שיטת הצפן בטרנזיסטור.
2. g גרמניום.
   s = סיליקון.
3. n = נפנ; p = פנפ.
4. F = ארץ הייצור.
5. תחליפים אירופים.
6. תחליפים אירופים.
7. תחליפים אירופים.
8. תחליפים אמריקאים.
9. תחליפים אמריקאים.
10. תחליפים יפנים.

KATA PENGANTAR

Edisi ini bertujuan membantu para pemakai untuk mencari penganti dari suatu transistor. Untuk maksud ini, terdaftar kira-kira 9.000 type transistor dengan penggantinya lebih dari 56.000 type.
Untuk para pemakai yang sudah biasa bekerdja dengan transistor tentu tahu, bahwa pada transistor (tidak seperti pada tabung radio) kita hampir tak dapat mengatakan sesuatu type itu tepat penggantinya atau ekivalennya.
Pada umumnya type-type yang disebutkan pada kolom 5 sampai dengan kolom 10 ada sedikit perbedaan dengan yang tersebut pada kolom 1; misalnya dalam hal karakteristiknya, demensinya, kuat arusnya, desipasinya, maupun ciri-ciri mekanis dan elektris yang lain.
Maka dari itu disarankan, — terutama dalam hal yang meragukan —, untuk mencocokkan lagi data dari type pengganti itu, seperti yang tertulis pada buku-buku data transistor, misalnya dapat dilihat pada buku Kristalldioden- und Transistoren-Taschen-Tabelle, yang diterbitkan oleh FRANZIS-VERLAG, München.
Beberapa type ada yang diberi index huruf atau angka Romawi, untuk menyatakan faktor penguatan arus yang maksimum maupun minimumnya. Huruf-huruf yang menunjukkan kode warna berupa titik pada badan transistor:
zw = hitam; br = coklat; r = merah; or = oranye; g = kuning; gr = hijau; bl = biru; v = ungu; gs = abu-abu; w = putih.
Tabel ini telah disusun dengan seteliti mungkin, berdasarkan data-data dari pabrik. Sehubungan dengan itu, penerbit tak dapat dimintai tanggung jawab bila sekali-kali terjadi kesalahan.

1	2	3	4	5	6	7	8	9	10
TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1) sistim kode transistor
2) g = germanium
   s = silikon
3) n = n p n; p = p n p
4) F = negara pembuat
5) ekivalen Eropa
6) ekivalen Eropa
7) ekivalen Eropa
8) ekivalen Amerika
9) ekivalen Amerika
10) ekivalen Jepang

ま　え　が　き

この本は、ある種のトランジスターの代替品を見つける時に役にたつ互換表です。そのために、約9,000種のタイプが56,000以上の代替品タイプとともに記載されています。

トランジスターの作動と用途に詳しい人は誰でも、半導体の場合は真空管とちがって、その完全な代替品すなわち同等品を求めるのは難かしいということを知っています。

たいていの場合、第5欄から10欄までに記載されているタイプは、第1欄のものと、特性・寸法・許容電流・消費電力またはその他の機械的・電気的特性において、多少は異っています。

従って、その互換性に明かに疑がある場合は、オランダ・ブッサム市のFRANZIS-VERLAG 社発行のハンド・ブックすなわち Kristalldioden-Taschen- Tabelle に記載されている全仕様にもとづいて、代替品のすべての特性をチェックするようにお勧めします。

記号のあるものにはローマ字または数字の指標がついています。これらの指標は、ほとんど電流利得の最小と最大を表示したものです。

トランジスター・ケース上の点の中の色表示文字は次の意味を示します。

zw＝黒　br＝茶　r ＝赤　or＝橙色　g ＝黄
gr＝緑　bl＝青　v ＝紫　gs＝灰色　w ＝白

この互換表の作成にあたっては最大の注意がはらわれており、その内容はメーカーの資料をもとにしたものであります。従って発行者としては、たとえ間違いがあってもその責任を負いません。

略　語　の　説　明

1	2	3	4	5	6	7	8	9	10
TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1）トランジスターの記号
2）G＝ゲルマニューム，S＝シリコン
3）n＝npn，p＝pnp
4）生産国名
5）ヨーロッパ製代替品
6）ヨーロッパ製代替品
7）ヨーロッパ製代替品
8）アメリカ製代替品
9）アメリカ製代替品
10）日本製代替品

INTRODUCCION

Esta edición ayudará al usuario en la búsqueda de substitutos de un determinado transistor, para lo cual se han incluido unos 9.000 tipos con más de 56.000 substitutos.
Todos los que estén familiarizados con el funcionamiento y la aplicación de los transistores, saben que los semiconductores, de modo distinto a como sucede con las válvulas electrónicas apenas se puede hablar de substitutos o equivalentes virtuales. En la mayoria de los casos los tipos mencionados en las columnas 5 a 10 inclusive, presentarán ligeras diferencias respecto a los incluidos en la columna 1; por ejemplo, en características, dimensiones, corriente admisible, disipación o cualquier otro detalle mecánico o eléctrico. Por eso recomendamos que en los casos dudosos se comprueben todas las propiedades del tipo equivalente, basándose en las especificaciones completas dadas en los manuales, tal como en el Kristalldioden- und Transistoren-Taschen-Tabelle, FRANZIS-VERLAG, München.
Algunas descripciones van provistas de un índice que puede estar formado por una letra o un número romano, y con el cual se indican en la mayoria de los casos los factores mínimo y máximo de la ganancia de corriente. Las letras se refieren al color del punto que llevan los transistores, y que son:
zw = negro; br = marrón; r = rojo; or = naranja; g = amarillo; gr = verde; bl = azul; v = violeta; gs = gris; w = blanco.
Estas tablas de equivalencias han sido recopiladas con el máximo cuidado y basándose en los datos publicados por los fabricantes. Por consiguiente los editores declinan cualquier responsabilidad por las erratas que pueda haber.

1	2	3	4	5	6	7	8	9	10
TIPO	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1) Sistema de codigo de transistores
2) g = germanio, s = silicio
3) n = n p n; p = p n p
4) F = pais de origen
5) Equivalente europeo
6) Equivalente europeo
7) Equivalente europeo
8) Equivalente americano
9) Equivalente americano
10) Equivalente japones

INTRODUÇÃO

Esta edição auxiliará o utente a encontrar um substituto para um determinado transistor. Para este fim incluiram-se apròximadamente 9.000 tipos com mais de 56.000 substitutos. Qualquer pessoa que esteja familiarizada com a Electrónica sabe que, relativamente a semicondutores e a diversas válvulas, difìcilmente se poderá falar em substituições ou equivalências eficazes.

Na maioria dos casos os tipos mencionados na coluna 5 a 10, das páginas que se seguem, apresentam pequenas diferenças em relação aos mencionados na coluna 1; por exemplo nas dimensões, corrente admissível, dissipação, ou qualquer outra característica mecânica ou eléctrica.

Portanto recomenda-se, — em casos de dúvida —, que se verifiquem todas as propriedades do tipo equivalente, confrontando as especificações apresentadas num bom manual, como por exemplo, Kristalldioden- und Transistoren-Taschen-Tabelle, publicado pela FRANZIS-VERLAG, München.

As descrições de alguns dos tipos estão providas, com um indice, o qual tanto pode ser representado por uma letra ou algarismo romano, com o qual na maior parte dos casos se indica o minimo e o máximo da corrente.

As letras que se referem a uma certa cor e se apresentam marcadas no transistor são: zw = preto; br = castanho; r = vermelho; or = laranja; g = amarelo; gr = verde; bl = azul; v = roxo; gs = cinzento; w = branco.

Estas tabelas de equivalências, apesar de terem sido realizadas com o maior cuidado, foram estabelecidas com base em dados técnicos fornecidos pelos fabricantes. Por este motivo os editores não são responsáveis por quaisquer erros que eventualmente venham a verificar-se.

1	2	3	4	5	6	7	8	9	10
TIPO	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

1) Sistema do código de transistor
2) g = germâno
   s = silicio
3) n = n p n; p = p n p
4) F = país de origem
5) equivalente Europeu
6) equivalente Europeu
7) equivalente Europeu
8) equivalente Americano
9) equivalente Americano
10) equivalente Japonês

Transistoren – Vergleichstabellen

3. Aufl.

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
AC105	G	P	E	AC128 AC153	AC152 AC131	AC173	2N291 2N4106	2N2431	2SB220
AC106	G	P	E	AC128 AC131	AC153	AC173	2N311 2N4106	2N2431	2SB220
AC107	G	P	E	AC122 AC125	AC128 AC172	AC151			
AC108	G	P	E	AC125 AC122r	AC151IV	AC163	2N506	2N2429	2SB219
AC109	G	P	E	AC125 AC122g	AC151V	AC163	2N506	2N2429	2SB219
AC110	G	P	E	AC126 AC122gr	AC151VI AC125	AC163 AC173	2N506	2N2429	2SB219
AC113	G	P	E	AC122r AC122	AC125 AC151	AC151IV SFT353			
AC114	G	P	E	AC125 AC122g	AC128 SFT353	AC151IV			
AC115	G	P	E	AC128 AC151IV	AC151V AC122r	AC160 AC125			
AC116	G	P	E	AC126	AC151	AC163	2N610	2N2429	2SB415
AC116g	G	P	E	AC151	AC116	AC125	2N2429		2SB75
AC116gr	G	P	E	AC151V	AC116	AC125			
AC117	G	P	E	AC128 AC117	AC152 AC128K	AC153	2N467 2N4106	2N2431 2N249	2SB415 2SB370A
AC117R	G	P	E	AC153	AC117	AC128			
AC118	G	P	E	AC117	AC128	AC153			
AC119	G	P	E	AC117	AC128	AC153			
AC120	G	P	E	AC124 AC121	AC128 AC117	AC153	2N467	2N2431	2SB222
AC121	G	P	E	AC117 AC152	AC128	AC153	2N2431		2SB415 2SB156A
AC121IV	G	P	E	AC152IV					
AC121V	G	P	E	AC152V					
AC121VI	G	P	E	AC152VI					
AC121VII	G	P	E	AC153VII					
AC122	G	P	E	AC150 AC125	AC151 AC122	AC162	2N506	2N2429	2SB364 2SB459
AC122A	G	P	E	AC125	AC151IV	SFT353			
AC122r	G	P	E	AC125 AC122	AC151IV	SFT353			
AC122g	G	P	E	AC125 AC122	AC151V	SFT353			
AC122gr	G	P	E	AC126 AC125	AC151VI AC122	SFT353 OC304III			
AC122v	G	P	E	AC126 AC122	AC151VII OC305II	SFT353			
AC122w	G	P	E	AC126	AC151	SFT353			
AC122/30	G	P	E	AC126	ASY48				2SB56A

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
AC122/30zw	G	P	E	ASY48	AC122				2SB460
AC122/30g	G	P	E	ASY48V	SFT353				
AC122/30r	G	P	E	ASY48IV	SFT353				
AC123	G	P	E	AC126 ASY48	AC152	ASY48V	2N613	2N2429	2SB56A 2SB75A
AC123g	G	P	E						
AC123gr	G	P	E	ASY48	AC123	AC126			
AC124	G	P	E	AC128 AC128K	AC153	OC72	2N2431	2N4106	2SB67
AC124K	G	P	E	AC128K	AC153K				
AC124R	G	P	E	AC128R	AC153IV				
AC125	G	P	E	AC151 AC122	AC162	AC163	2N2428	2N2429	2SB415 2SA202
AC126	G	P	E	AC151	AC163	AC171	2N506	2N2429	2SB415 2SB383
AC127	G	N	E	AC176	AC179		2N2430		2SD105 2SD96
AC128	G	P	E	AC117 AC117R	AC124	AC153	2N467 2N4106	2N2431 2N1373	2SB415 2SB370
AC128K	G	P	E	AC117K AC128	AC153K	OC308	2N4106		2SB415
AC129	G	P	E	OC58 AC151	OC59 AC122	OC60 AC125			2SB46
AC129g	G	P	E	AC151	AC122	AC125			2SB47
AC129V	G	P	E	AC151					
AC129zw	G	P	E	AC151					
AC130	G	N	E	AC190	AC127				
AC131	G	P	E	AC152 AC128	AC153	AC180	2N2431	2N1924	2SB415 2SB370A
AC131/30	G	P	E	AC153	AC128				
AC132	G	P	E	AC152 AC131	AC162	AC184	2N1924		2SB364 2SB496
AC134	G	P	E	AC122g AC151IV	AC151V AC125	OC71 AC173	2N406		
AC135	G	P	E	AC122g AC151VI	AC125	AC151V	2N408		
AC136	G	P	E	AC122g AC151VI	AC125 AC131/30	AC151V	2N109	2N217	
AC137	G	P	E	AC126 AC171	AC128	AC151VII			
AC138	G	P	E	AM54 AC152	AC151VI AC122r	AD148 AC125	2N456 TA2065	TA2063	2S42
AC139	G	P	E	AC122g AC153	AC125 AC117R	AC151V AC128			
AC141	G	N	E	AM72 AC175	AC176 AC181	SFT377	2N647		
AC142	G	P	E	AM74 AC117R	AC128 AC173	AC153	2N217		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
AC142K	G	P	E	AC142					
AC150	G	P	E	AC125 AC125R	AC126	AC151	2N2429		2SB439
AC150g	G	P	E	AC151V AC125	SFT353	AC163			2SB73
AC150gr	G	P	E	AC163	AC125		2N652		
AC151	G	P	E	AC125	AC126	AC173	2N238	2N2429	2SB439
AC151IV	G	P	E	AC122r	AC126		2N238		2SB459
AC151V	G	P	E	AC122g	AC125				
AC151VI	G	P	E	AC122gr	AC125				
AC151VII	G	P	E	AC122V	AC125				
AC151IVr	G	P	E	AC150	AC128	OC306I			2SB73
AC151Vr	G	P	E	AC151V OC306II	AC150	AC128			
AC151VIr	G	P	E	AC150	AC128	OC306III			
AC151VIIr	G	P	E	AC160	AC151VII	OC307			
AC152	G	P	E	AC128 AC131/30	AC132	AC184	2N238 2N1924	2N2431	2SB415 2SB156
AC152IV	G	P	E	OC307 AC124R	OC308 AC128	SFT322	2N610	2N4106	2S32
AC152V	G	P	E	OC307 AC124R	OC308 AC128	SFT322	2N610		2S32
AC152VI	G	P	E	OC307 AC117R	OC308 AC128	SFT322	2N610		2S32
AC153	G	P	E	AC117	AC124	AC128	2N467	2N2431	2SB415
AC153K	G	P	E	AC117K	AC128K	AC180K	2N4106		2SB415
AC153V	G	P	E	ASY24 AC124R	AC2Z0 AC128	ASY12	2N4106	2N467	2SB222
AC153VI	G	P	E	ASY24 AC117R	AC210 AC128	ASY12			2SB415
AC153VII	G	P	E	ASY24 AC117R	AC2Zp AC128	ASY12			
AC154	G	P	E	AC152IV AC131	OC309 AC128	AC152V	2N1924		
AC155	G	P	E	AC122g AC151IV	AC125 AC122r	AC151V OC304T			
AC156	G	P	E	AC122g OC304III	AC125	AC151V			
AC157	G	N	E	AC127 AC181	AC175K	AC186			
AC160	G	P	E	AC151IV	AC161				
AC160A	G	P	E	AC151V AC151r	AC161 AC125	OC307			
AC160B	G	P	E	AC151VI AC151r	AC161 AC127	OC307			
AC160K	G	P	E	AC125R					
AC160r	G	P	E	AC151IVr AC161	AC160r OC306I	AC125r			2SB73

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
AC160g	G	P	E	AC151Vr	AC161				
AC160gr	G	P	E	AC151VIr	AC161				
AC160v	G	P	E	AC151VIIr	AC161				
AC161	G	P	E	AC151V	OC307	AC151VIr			
				AC160	AC125r	OC306III			
AC162	G	P	E	AC126	AC170	AC173	2N37	2N2429	2SB219
				AC125	AC128				2SB459
AC163	G	P	E	AC128	AC171	AC173	2N506	2N2429	2SB219
							2N2907		2SB459
AC165	G	P	E	AC122g	AC125	AC151V			
				AC151VI	AC222	BC261			
AC166	G	P	E	AC128	AC131/30		2N1189	2N4106	
				AC152V					
AC167	G	P	E	AC128	AC131/30	AC152V	2N1189	2N4106	
AC168	G	N	E	AC127	AC175K	AC179			
AC169	G	P	E	AC122	AC125	AC151			
AC170	G	P	E	AC162	AC173	OC309			2SB54
				AC126	AC125				2SB77A
AC171	G	P	E	AC173	AC163	AC126			2SB439
									2SB460
AC172	G	N	E	AC127	AC163	AC181			
AC173	G	P	E	AC128	AC131	AC152	2N1189		
				AC132	AC173				
AC174	G	P	E	AC128	AC131/30	AC153	MJ2060		
AC175	G	N	E	AC127	AC187	AC187K	2N2707		
				AC181					
AC175K	G	N	E	AC176K	AC183K				
AC176	G	N	E	AC181	AC186	AC187			
AC176K	G	N	E	AC176	AC186	AC187K			
				AC181					
AC177	G	P	E	AC152V	AC152	AC131			
				ASY80	AC173				
AC178	G	P	E	AC180K	AC153K	AC122K			2SB370
				AC122K	AC128K				
AC179	G	N	E	AC176K	AC187K	AC180			
AC179K	G	N	E	AC181K	AC187K				
AC180	G	P	E	AC153	AC131/30	AC128	2N4106	2N1185	
AC180K	G	P	E	AC153	AC131/30	AC128K			
AC181	G	N	E	AC176	AC186	AC127	TLS60		
AC181K	G	N	E	AC176	AC186	AC187K			
AC182	G	P	E	AC183	AC184				
AC183	G	N	E	AC184					
AC184	G	P	E	AC128	AC131	AC153	MJ2060	2N4106	
				AC152					
AC185	G	N	E	AC176K	AC186	AC127			

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
AC186	G	N	E	AC185	AC176	AC187K			
AC187	G	N	E	AC175			2N2707		
AC187K	G	N	E	AC176K	AC175K				
AC188	G	P	E	AC193					
AC188K	G	P	E	AC193					2SB370
AC191	G	P	E	AC151r	AC125				
AC192	G	P	E	AC151	AC170	AC125			
AC193	G	P	E	AC153 AC188K	AC117	AC128			
AC193K	G	P	E	AC153K	AC117	AC128K			
AC194	G	N	E	AC176 AC181	AC186 AC187K	AC187			
AC194K	G	N	E	AC176K	AC187K				
ACY16	G	P	E	ASY14	ACY33V	AC128K	2N526		2SB415
ACY17	G	P	E				2N2207		
ACY18	G	P	E	ACY17					
ACY19	G	P	E	AC153	AC117	AC128	2N4106	2N249	2S56
ACY20	G	P	E	AC153	AC131/30	AC128			
ACY21	G	P	E	ACY20					
ACY22	G	P	E	ACY33					
ACY23	G	P	E	AC122 AC125	ASY80	OC71	2N37	2N526	2SB219
ACY24	G	P	E	ASY23	ASY14	ASY48V	2N138	2N1924	2SB421
ACY27	G	P	E	ACY23 AC122	AC151	AC125	2N525	2N2447	2S13
ACY28	G	P	E	ACY23 AC122	ASY26	AC151	2N526		
ACY29	G	P	E	AC160	ACY27	ACY32	2N237		
ACY30	G	P	E	AC122/30 AC128	AC153	AC131/30	2N237	2N526	
ACY32	G	P	E	AC122 AC125R	AC150	ASY80	2N506	2N527	2SB219
ACY33	G	P	E	AC123 ACY16K	AC128	ASY14	2N527 2N618	2N613	2SA204
ACY34	G	P	E	AC122 ACY23	ACY23V ACY22	ASY14 AC125			
ACY35	G	P	E	AC122 AC125	ACY23V	ASY14			
ACY36	G	P	E	AC122	ACY23V	ASY14			
ACY38	G	P	E	AC125 AC151	AC160B AC160	ACY32 AC125R			
ACY40	G	P	E	ACY18					
ACY41	G	P	E	ACY40					
ACY44	G	P	E	ACY19			2N4106		2S56

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
ACZ10	G	P	E	AC153 AC153V	ASY12 ACY24K	ASY48 AC128	2N4106	2N467	2SB222
AD103	G	P	E	AD133	ADZ11	SFT265	2N1146		
AD104	G	P	E	ADZ12	AUY21	SFT266	2N1146A		
AD105	G	P	E	ADZ12 SFT266	AU103	AUY22	2N11446B		
AD130	G	P	E	AD149	AD153	AD129	TI3029		2SB426
AD130III	G	P	E	OC26 AD149	OD603	SFT213	2N2063	TI3029	
AD130IV	G	P	E	OC26 AD149	SFT213	AD149IV	2N257 TI3029	2N2064	
AD130V	G	P	E	OC26 AD149	SFT213	AD149V	2N257 TI3029	2N2064	
AD131	G	P	E	ASZ16	AUY33	AD149			2SB425
AD131III	G	P	E	OD603/50 AD149	SFT250	AD138/50	2N2065	TI3029	2SB471
AD131IV	G	P	E	SFT250 AD138/50	GFT4012	AD149IV	2N268 TI3029	2N2066	
AD131V	G	P	r	SFT250 AD138/50	GFT4012	AD149V	2N268 TI3029	2N2066	
AD132	G	P	E	ASZ18	AUY32	ASZ15			2SB424
AD132II	G	P	E	OC26	OD603/50	SFT250	2N2065		
AD132III	G	P	E	OC26 AUY22III	OD603/50 ASZ15	SFT250	2N2065		2SB472
AD132IV	G	P	E	OC26 AUY22IV	SFT250 AUY28	SFT4012	2N268 TI3030	2N2066	
AD132V	G	P	E	AUY22IV					
AD133	G	P	E	ADZ11	ADZ12	SFT265	2N1146	2N1549	2SB236
AD133III	G	P	E	AUY29III	ADZ11		2N1549		2SB236
AD133IV	G	P	E	AUY29IV					
AD133V	G	P	E	AUY29V					
AD136	G	P	E	AD138 ASZ18	AD160	ADZ11			
AD138	G	P	E	AD148 AD133	ASZ17 ADZ11	ASZ18 ASZ16	2N561	2N1022A	2SB425 2SB151
AD138/50	G	P	E	ASZ18	AUY22	ASZ15			
AD139	G	P	E	AD149 AD148	AD150	AD162			
AD140	G	P	E	AD149			2N2836	2N1022	
AD142	G	P	E	AM92 AD133	AD149 AD138/50	SFT240 ADZ11	2N301A		
AD143	G	P	E	AM91 AD133	AD150 AD138/50	OC26 ADZ11	2N301	2N2869	
AD143R	G	P	E						

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
AD145	G	P	E	AD133V	AD138	ASZ16			
AD146	G	P	E	AD166					
AD148	G	P	E	AC138 AD139	OC28	OC36	2N456		2SB426
AD148IV	G	P	E	AD156	AD139	AD148	2N456		2SB426
AD148V	G	P	E	AD156	AD139	AD148			
AD149	G	P	E	AC138	OC28	OC36	2N456	2N2836	2SB425
AD149/01	G	P	E	AD149			2N2836		
AD149/02	G	P	E	AD149			2N2836		
AD149IV	G	P	E	AD166	AD149		TI156	2N456	2SB471
AD149V	G	P	E	AD166	AD149		TI156		2SB471
AD150	G	P	E	AC138	AD149	OC36	2N456	2N2836	2SB426
AD150IV	G	P	E	AD166	AD150		TI156	2N456	2SB426
AD150V	G	P	E	AD166	AD150		TI156		
AD152	G	P	E	AD149 AD162	AD156	AD162V	2N2836	TI156	2SB425 2SB368
AD153	G	P	E	AD138	AD149	AD131	TI156		
AD155	G	P	E	AD156 AD155	AD162	AD162V			2SB426 2SB367
AD156	G	P	E	AD152	AD148	AD139			
AD157	G	P	E	AD162					
AD159	G	P	E	AD136	AD136IV	ASZ17			
AD160	G	P	E	AD136	AD136IV	ASZ16			
AD161	G	N	E	AD165					
AD162	G	P	E	AD262					2SB426 2SB367
AD163	G	P	E	ASZ18	AUY32	ASZ15			2SB424
AD164	G	P	E	AD162					2SB367
AD165	G	P	E	AD161	AD149				
AD166	G	P	E	AD149					
AD167	G	P	E	AD149					
AD169	G	P	E	AD162	AD152				2SB368
AD262	G	P	E	AD162	AD139				
AD263	G	P	E	ASZ17					
ADY22	G	P	E	AD138	ADY29	AUY29			
ADY23	G	P	E	ADZ12 AD138	AUY22 AD138/50	AUY32			
ADY24	G	P	E	ADZ12 AD138/50	AUY22	AUY32			
ADY25	G	P	E	ADZ12	AUY22	AUY28			
ADY27	G	P	E	AD149					
ADY28	G	P	E	ASZ15	AUY22				
ADZ11	G	P	E	AD103	AD133	AUY21	2N1146		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
ADZ12	G	P	E	AD104	AD105	AUY22	2N1146A	2N1146B	
AF101	G	P	E	AF131 AF127	AF185 AFY15	AF188 AF106	2N799		2S36
AF102	G	P	E	AF106 AF190	AF122	AF178	2N2494	2N2495	
AF105	G	P	E	AF137 AF126	AF185 AF190	AF197	2N344		2SA155
AF105A	G	P	E	AF126 AF138	AF137 AF190	AF197			
AF106	G	P	E	AM13 AF190	AF178	AF186			2SA230
AF107	G	P	E	AFY10 AF109R	AFY11 AF190	AFY19			
AF108	G	P	E	AFY10 AF109R	AFY11 AF190	AFY19			
AF109	G	P	E	AF180	AF190				2SA432
AF109R	G	P	E	AF180	AF190				
AF110	G	P	E	AF181	AF190				
AF111	G	P	E	AF127	AF137	AF185	2N641	2N4034	2SA155
AF112	G	P	E	AF125	AF126	AF136	2N1110	2N4034	2SA156
AF113	G	P	E	AF125	AF135	AF178	2N346	2N2495	2SA116
AF114	G	P	E	AF130 AF124	AF134 AF194	AF135	2N346	2N2495	2SA116
AF115	G	P	E	AF135 AF125	AF136	AF185	2N1110		2SA156
AF116	G	P	E	AF132 AF126	AF137 AF136	AF185	2N641		2SA155
AF117	G	P	E	AF127 AF136	AF133 SFT354	AF137	2N642		2SA155
AF118	G	P	E				2N2207		2SA76
AF119	G	P	E	AF127	OC45	AF185			
AF120	G	P	E	AF126	AF185	OC44			
AF121	G	P	E	AF102 AF201	AF106	AF178	2N2495	2N3588	
AF121s	G	P	E	AF202s					
AF122	G	P	E	AF102	AF106	AF178	2N2495		
AF124	G	P	E	AF134 AF194	AF135	AF178	2N346 2N4035	2N2495	2SA433 2SA235
AF125	G	P	E	AF135	AF136	AF185	2N991	2N1110	2SA433 2SA156
AF126	G	P	E	AF132 SET316	AF136	AF137	2N641		2SA433 2SA240
AF127	G	P	E	AF133	AF137	AF185	2N642 2N4034	2N993	2SA433 2SA240
AF128	G	P	E	ASY27					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
AF129	G	P	E	AF121	AF124	AF134			
AF130	G	P	E	AF124	AF134	AF178	2N346 2N4035	2N2495	2SA116
AF131	G	P	E	AF135 AF125	AF136 AF134	AF185	2N1110		2SA156
AF132	G	P	E	AF126	AF136	AF138	2N641		2SA155
AF133	G	P	E	AF117	AF127	AF137	2N641	2N4034	2SA155
AF134	G	P	E	AF129 AF124	AF130	AF136	2N346 2N4035	2N2495	2SA116 2SA76
AF135	G	P	E	AF125	AF131	AF136	2N1110		2SA156 2SA76
AF136	G	P	E	AF125	AF126	AF131	2N1110	2N4034	2SA156 2SA76
AF137	G	P	E	AF127 AF126	AF133	SFT316	2N642		2SA433 2SA155
AF138	G	P	E	AF127 AF126	AF132	AF179	2N641	2N4034	2SA155
AF139	G	P	E	AF186	AF239	AM18	M9031 2N2244	MM139	
AF142	G	P	E	AF112 AF194	AF124	AF134	2N4035		
AF143	G	P	E	AF124	AF125	AF135			
AF144	G	P	E	AF124 AF126	AF132 AF137	AF136			
AF146	G	P	E	AF125	AF127	AF135			
AF147	G	P	E	AF126 AC127	AF133	AF136			
AF148	G	P	E	AF126 AF136	AF127	AF137	2N4034		
AF149	G	P	E	AF126 AF137	AF131	AF136			
AF150	G	P	E	AF126	AF127	AF137	2N4034		
AF156	G	P	E	AF127					
AF164	G	P	E	AF114 AF134	AF124 AF194	AF132	2N1177	2N4035	
AF165	G	P	E	AF124 AF135	AF125	AF134	2N1178	2N1179	
AF166	G	P	E	AM11 AF126	AF116 AF136	SFT316	2N1180	2N4034	
AF168	G	P	E	AF126 AF125	AF127 AF135	AF136	2N2083	2N1183	
AF169	G	P	E	AF126 AF127	AF129 AF137	AF136	2N1631 2N4034	2N1632	
AF170	G	P	E	AM14 AF137	AF127	AF136	2N1635 2N4034	2N1639 2N1426	
AF171	G	P	E	AF126	AF133	AF136	2N4035	2N1425	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
AF172	G	P	E	AF117 AF137	AM12	AF127	2N1633 2N4034	2N1638	2SA432
AF178	G	P	E	AF106			2N2495		2SA432
AF179	G	P	E	AF180			2N2654		
AF180	G	P	E	AF109	AF133	AF109R	2N3074		
AF181	G	P	E	AF110	AF200	AF121	2N3075		
AF182	G	P	E	AF121	AF178				
AF185	G	P	E	AF106	AF121				
AF186	G	P	E	AF139	AF239		2N2244	2N5043	
AF187	G	P	E	AF133 AF121	AF201	AFY15	2N5044	2N2244	
AF188	G	P	E	AF121	AF133	AFY15	2N5044		
AF189	G	P	E	AF133	AFY15	AF139			
AF190	G	P	E	AF133 AF188	AFY15	AF124			
AF191	G	P	E	SFT308					
AF192	G	N	E	AC130					
AF193	G	P	E	AF127 AF126	AF132 AF136	AF137 AF121	2N3323	2N4034	
AF194	G	P	E	AF125 AF124	AF134	AF135	2N3323	2N4035	
AF195	G	P	E	AF125	AF133	AF135	2N3323		
AF196	G	P	E	AF125	AF126	AF136	2N3323	2N4034	
AF197	G	P	E	AF127	AF133	AF137	2N3323 2N3325	2N4034	
AF198	G	P	E	AF127	AF133	AF138	2N3325		
AF200	G	P	E	AF181	AF121				2SA240 2SA239
AF201	G	P	E	AF121					2SA240 2SA239
AF202	G	P	E	AF121	AF202S	AF121S			2SA240 2SA239
AF202S	G	P	E	AF121S					2SA240 2SA229
AF239	G	P	E	AF254					
AF239S	G	P	E	AF239					
AF240	G	P	E	AF280 AF239S	AF139	AF267			
AF250	G	P	E	AF280	AF267	AF239S			
AF251	G	P	E	AF239	AF239S				
AF252	G	P	E	AF240	AF239				
AF253	G	P	E	AF109R	AF139				
AF254	G	P	E	AF202					
AF256	G	P	E	AF106					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
AF267	G	P	E	AF239S					
AF269	G	P	E	AF280	AF239S	AF240			
AF279	G	P	E	AF239S					
AF280	G	P	E	AF257	AF239S				
AFY10	G	P	E	AFY11	AFY19				
AFY11	G	P	E	AFY19	AF121	AF106			2SA431
AFY12	G	P	E	AFY121	AFZ12	AF106			2SA431
AFY13	G	P	E	AF124	AF134				
AFY14	G	P	E	SFT316K	ASY27				2SA72
AFY15	G	P	E	AF133 AF126	SFT314	AF136			2SA52
AFY16	G	P	E				M9031		
AFY18	G	P	E	AF240	AF139				
AFY19	G	P	E	AFY10	AFY11	AFY18			
AFY25	G	P	E	AFY34	AF126				
AFY26	G	P	E	AFY34					
AFY29	G	P	E	AF133	SFT317	AF126			
AFY37	G	P	E	AFY40					
AFY39	G	P	E	AFY40					
AFY40	G	P	E	AF239S					
AFY40R	G	P	E	AF239S					
AFY42	G	P	E	AF239S	AFY40				
AFZ10	G	P	E	AFY14K	AFY19				
AFZ11	G	P	E	AFZ12					
AFZ12	G	P	E	AF102	AFY12	AF106			
AL100	G	P	E	AU101			2N1906		
AL101	G	P	E	AU102			2N1905		
AL102	G	P	E	AM114	AD167		2N2147		
AL103	G	P	E	AM111	AD166		2N2148		
ALZ10	G	P	E	AUY10					
AM11	G	P	E	AF126	AF116	SFT316	2N1180		
AM12	G	P	E	AF117	AF127	AF172	2N1524	2N1638	
AM13	G	P	E	AF106	AF114	AF124	2N1177		
AM14	G	P	E	AF117	AF127	AF170	2N1526	2N1639	
AM15	G	P	E	AF115	AF125	AF165	2N1178	2N1179	
AM16	G	P	E	AF125	AF125	AF168	2N2083		
AM18	G	P	E	AF139			MM139		
AM51	G	P	E	AC126	AC137	AC191	2N2613		
AM52	G	P	E	AC134	OC71		2N406	2N215	
AM53	G	P	E	AC126	AC161	AC192	2N217	2N2614	
AM54	G	P	E	AC138	OC75	AC151	TA2063		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
AM71	G	P	E	AC128	AC139		4O253		
AM72	G	N	E	AC127	AC141	SFT377	2N647		
AM73	G	P	E	AC125	AC132	AC136	2N109	2N591	
AM74	G	P	E	AC128	AC142	AC153	2N217		
AM91	G	P	E	AD143	AD150	OC26	2N301	2N2869	
AM92	G	P	E	SFT239	AD142	AD149	2N301A	2N2870	
AM94	G	P	E	AD145	OC16		4O254		
AM111	G	P	E	AD166	AL103		2N2148		
AM114	G	P	E	AD167	AL102		2N2147		
AM251	S	N	E	BC107	BC147 BCY56	BC167			
AM252	S	N	E	BC108	BC148 BCY57	BC168			
AM253	S	N	E	BC109	BC149 BCY57	BC169			
AM254	S	N	E	BC267					
AM255	S	N	E	BC268					
AM256	S	N	E	BC269					
AM257	S	N	E	BC270					
AM258	S	N	E	BC271					
AM259	S	N	E	BC272					
AM260	S	P	E	BC297					
AM261	S	N	E	BCY58	BFY44				
AM262	S	N	E	BCY59					
AM263	S	N	E	BC300					
AM264	S	N	E	BC301					
AM276	S	N	E	BC303					
AM291	S	N	E	BDX10			2N3055		
AM293	S	N	E	BD141					
AM294	S	N	E	BD142					
ASY12	G	P	E	AC152 AC128	AC153 AC124K	ASY23 ASY12	2N59	2N1924	2SB222
ASY13	G	P	E	ASY23 ASY48V	ASY48 ASY24	ASY77 ASY13	2N284	2N1926	2SB89
ASY14	G	P	E	ASY23 ASY14	ASY48IV	ASY77	2N284		2SB89
ASY16	G		E						
ASY23	G	P	E	ASY13	ASY14	ASY48	2N272		2SB33
ASY24	G	P	E	ASY27 ASY80	ASY56	ASZ23			
ASY24B	G	P	E	ASY76					
ASY26	G	P	E	ASY24	ASY48	ASY56	2N799		2SA155
ASY27	G	P	E	ASY30	ASY48	ASY58	2N36		2SB101

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
ASY28	G	N	E	ASY73					
ASY29	G	N	E	ASY74			2N211	2SA22	2SA255
ASY30	G	P	E	ASY27	ASY32	ASY61	2N36		2SB101
				ASY80					
ASY31	G	P	E	ASY26	ASY48	ASY56	2N506		2SB219
				AC163	ACY15	AF125			
ASY32	G	P	E	ASY27	ASY48	ASY56	2N506		2SB219
				AC122	AFY15	AFY32			
ASY48	G	P	E	ASY23	ASY77	ASY81	2N241	2N2906	2SB89
				ASY48	ACY24		2N2906A		
ASY50	G	P	E	ASY48	ASY70V	AC131/30	2N526		
				AC122					
ASY52	G	P	E	ASY48V			2N1926		
ASY53	G	P	E	ASY70IV	AC131/30	AC128	2N526		
ASY54	G	P	E	ASY26	ASY27	ASY48	2N1303		
ASY55	G	P	E	ASY27	TF49		2N1303		
ASY56	G	P	E	ASY26	TF49		2N1303		
ASY57	G	P	E	ASY26	ASY27	TF49	2N1305	2N1303	
ASY58	G	P	E	ASY27	TF49		2N1307	2N1305	
ASY59	G	P	E	ASY27	TF49		2N1307		
ASY61	G	N	E	ASY28	ASY27		2N1302		
ASY62	G	N	E	ASY29					
ASY63	G	P	E	ASY70					
ASY70	G	P	E	AC119	AC124K	OC74	2N404	2N467	2SB222
				ASY90	ASY80				
ASY73	G	N	E	ASY74					
ASY74	G	N	E	ASY75					
ASY75	G	N	E	AC153V	ASY75				2SC91
ASY76	G	P	E	ASY48	ACY16K		2N526		
ASY77	G	P	E	ACY24K	ASY48	ASY81	2N526		
				ASY77					
ASY80	G	P	E	ACY24K	ASY48		2N527		
ASY81	G	P	E	ACY24K	ASY77				
ASZ10	G	P	E	AFY19	ASY30K				
ASZ11	G	P	E	ASY31					
ASZ12	G	P	E	ASY32					
ASZ15	G	P	E	AD132	AUY22III	AUY28			2SB424
									2SB341
ASZ16	G	P	E	AD150	AUY21IV	AUZ11			2SB425
				AD138/50	ASZ16				2SB339
ASZ17	G	P	E	AD150	AUY21III	AUZ11			2SB425
				AD138/50	ASZ17				2SB339
ASZ18	G	P	E	AUY21II	AUY22	AUY28			2SB424
				ASZ18					2SB340
ASZ20	G	P	E	ASY80					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
ASZ21	G	P	E	ASZ20	ASY80				
ASZ23	G	P	E	ACY24	ASY24	ASZ23			
ASZ30	G	P	E	ASY24	ASY26		2N1925		
AT605	G	N	E						
AU101	G	P	E	AU103	AUY22				
AU102	G	P	E	AC128	AUY22III				
AU103	G	P	E	AU105					2SB468
AU105	G	P	E	AU103	ASZ15				
AU106	G	P	E	AU112					
AU108	G	P	E	ASZ15					
AU110	G	P	E	AUY38					
AUY10	G	P	E	ALZ10			2N4033		
AUY18	G	P	E	AD148	ASZ15				
AUY19	G	P	E	ASZ16	AUY33	OC28	2N1044	2N157A	2SB250
				AD138/50	ASZ15				2SB338
AUY20	G	P	E	ASZ18	AUY32	OC36	2N157A		2SB87
					AD132	ASZ15			2SB341
AUY21	G	P	E	ASZ16	ASZ18	AUY28	2N352		2SB86
				AUY19IV	ASZ15				2SB339
AUY21A	G	P	E	ASZ15					
AUY22	G	P	E	ASZ15	ASZ16	OC36	2N174	2N561	2SB87
				AUY20IV					2SB341
AUY22A	G	P	E	ASZ15					
AUY28	G	P	E	AUY22II	AUY30	AUY28			2SB340
				ASZ15					
AUY29	G	P	E	ASZ16	AUY29IV	ADZ11			
AUY30	G	P	E	ASZ16	AUY22II	AUY28			
				ASZ15					
AUY31	G	P	E	ASZ18	AUY21III	AUY28			
				ASZ16					
AUY32	G	P	E	ASZ18	AUY20	AUY28			
				ASZ15					
AUY33	G	P	E	AD149	AUY19III	AUY28			
				ASZ16					
AUY34	G	P	E	ASZ18	ASZ15				
AUY35	G	P	E	AUY30	ASZ16				
AUY36	G	P	E	AUY38	AUY35				
AUY37	G	P	E	AUY34II	AUY30				
AUY38	G	P	E	ASZ15					
AUZ11	G	P	E	AD150	ASZ16	ASZ17			
BC100	S	N	E	BD115	BC127	BCY49A			
BC107	S	N	E	AM251	BC147	BC167	2N3568	2N2921	2SC458
				BC207	BC317				
BC107A	S	N	E	BC182A			2N3568	2N2921	2SC458

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BC108	S	N	E	AM252 BC208	BC148 BC318	BC168	MPS6520		
BC108A	S	N	E	BSY76	BC183A		2N3391		2SC458
BC108B	S	N	E	BSY80	BC183B				
BC108C	S	N	E						
BC109	S	N	E	AM253 BC209	BC149 BC319	BC169	MPS6521		
BC109B	S	N	E	BC184B			MPS6521		2SC458
BC109C	S	N	E	BC184C					
BC110	S	N	E	BF177	BC174		2N3701		2SC856
BC112	S	N	E	BC146	BC122	BC246			
BC113	S	N	E	BC172 BC238B	BC183 BC172B	BC238	MPS6520	2N3568	2SC458
BC114	S	N	E	BC173 BC239B	BC184 BC238B	BC239 BC184B	MPS6521	2N3568	
BC115	S	N	E	BC107	BC182	BC237A	MPS6566	2N3568	2SC984
BC116	S	P	E	BC177 BC307VI	BC212 BC117	BC261	MPS6534 2N5041	2N2904	2SA565
BC116A	S	P	E	BC177	BC212	BC261	2N2904	2N5041	
BC117	S	N	E	BF178	BC141		2N5831		
BC118	S	N	E	BC171 BC237A	BC182 BC129	BC237	2N4401	2N3568	
BC119	S	N	E	SBC119	BC140		2N2218		
BC120	S	N	E	BC108	BC140	BC286	2N2218 2N3665	2N3036	
BC121g	S	N	E	BC146g	BC107A				
BC121gr	S	N	E	BC146g	BC146b				
BC121bl	S	N	E	BC146G	BC146bl				
BC121w	S	N	E	BC146r	BC146				2SC458
BC122g	S	N	E	BC146g	BC107A				
BC122gr	S	N	E	BC146G					
BC122bl	S	N	E	BC146G					
BC122w	S	N	E	BC146r	BC146				2SC458
BC123g	S	N	E	BC107A					
BC123gr	S	N	E						
BC123w	S	N	E						2SC458
BC125	S	N	E	BC107 BC107A	BC182	BC337	MPS6566		
BC126	S	P	E	BC212 BC338	BC261	BC307	2N4402 2N5041	2N3638A	
BC127	S	N	E	BC146r					
BC129	S	N	E	BC107 BC317	BC182	BC207	MPS6566		
BC129A	S	N	E	BC107A	BC182A		2N3568	MPS6566	2SC281
BC129B	S	N	E	BC107B	BC182B		MPS6566		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BC130	S	N	E	BC108 BC318	BC183	BC208	MPS6520		
BC130A	S	N	E	BC108A	BC183A				2SC281
BC130B	S	N	E	BC108B	BC183B				
BC131	S	N	E	BC108B BC209	BC109 BC319	BC184	MPS6521		
BC131B	S	N	E	BC109B	BC184B				
BC131C	S	N	E	BC109C	BC184C				
BC132	S	N	E	BC238A	BC108B	BC183B	2N3565		
BC134	S	N	E	BC237B	BC107B	BC182B			
BC135	S	N	E	BC107 BC237A	BC182 BC107A	BC118 BC182B	MPS6566	2N3568	
BC136	S	N	E	BC182 BC237A	BC237 BC140	BC125 BC171	MPS6566		
BC137	S	P	E	BC160	BC116	BC327	MM3726	2N1132	
BC138	S	N	E	SBC119	BC160		2N2219		
BC139	S	P	E	BC160	BC140		MM3726 2N5855	2N1132 2N2904	
BC140	S	N	E	BSY46	BC286		2N2218A	2N3036	2SC708
BC141	S	N	E	BC310			2N3020	2N3036	
BC142	S	N	E	BC141	BC286		2N3020 2N2219A	2N3036 2N2219	
BC143	S	P	E	BC160	BC287	BSY46	MM3726	2N1132	
BC144	S	N	E	BC286 BFY50	BC140	BSY44	2N2218A		
BC145	S	N	E	BC117 BF117	BF178	BC141			
BC147	S	N	E	BC171 BC317	BC182	BC207	MPS6566		
BC147A	S	N	E	BC182A	BC171A		2N3568	MPS6566	2SC281
BC147B	S	N	E	BC182B	BC171B		2N3568		
BC148	S	N	E	BC172 BC318	BC183	BC208	MPS6520		
BC148A	S	N	E	BC172A	BC183A		2N3568	MPS6520	2SC281
BC148B	S	N	E	BC172B	BC183B		2N3568		
BC148C	S	N	E	BC172C	BC183C		2N3568		
BC149	S	N	E	BC173 BC319	BC184	BC209	MPS6521		
BC149B	S	N	E	BC173B	BC184B		MPS6521		2SC258
BC149C	S	N	E	BC173C					
BC153	S	P	E	BC157 BC307A	BC212	BC251	MPS6516	2N5041	
BC154	S	P	E	BC158 BC307A	BC213	BC252	MPS6522		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BC157	S	P	E	BC212 BC320	BC251	BC204	MPS6516	2N5041	2SA565
BC158	S	P	E	BC213 BC321	BC252	BC205	MPS6522		2SA565
BC159	S	P	E	BC214 BC322	BC253	BC206	MPS6523		2SA565
BC160	S	P	E	BC287			2N1132 2N2904	MM3726	
BC161	S	P	E	BC311			2N4037	2N2904	
BC167	S	N	E	BC171 BC317	BC182 BC237	BC207	MPS6566		2SC458
BC167B	S	N	E	BC171B	BC182B		MPS6566		
BC168	S	N	E	BC172 BC318	BC183 BC238	BC208	MPS6520		
BC168A	S	N	E	BC172A	BC183A		MPS6520		2SC458
BC168B	S	N	E	BC172B	BC183B				
BC168C	S	N	E	BC172C	BC183C				
BC169	S	N	E	BC173 BC319	BC184 BC239	BC209	MPS6521		
BC169B	S	N	E	BC173B	BC184B		MPS6521		
BC169C	S	N	E	BC173C	BC184C				
BC170	S	N	E	BC208	BC318				
BC170A	S	N	E	BC238A BC172	BC148 BC208	BC168			2SC458
BC170B	S	N	E	BC238A BC172	BC148 BC183	BC168 BC209			
BC171	S	N	E	BC182 BC317	BC237	BC207	MPS6566	2N2921	2SC458
BC172	S	N	E	BC183 BC318	BC238	BC208	MPS6520		2SC458
BC173	S	N	E	BC184 BC319	BC239	BC209	MPS6521		2SC458
BC174	S	N	E	BC110	BCY65III	BC182			
BC177	S	P	E	BC261 BC320	BC212 BC216	BC204	MPS6517		2SA565
BC178	S	P	E	BC213 BC321	BC262	BC205	MPS6518		2SA565
BC179	S	P	E	BC214 BC322	BC263	BC206	MPS6519		
BC181	S	P	E	BC308VI BC157	BC307VI BC251	BC177 BC204			
BC182	S	N	E	BC171 BC317	BC237 BC174	BC207 BC182	MPS6566		
BC183	S	N	E	BC172 BC318	BC238 BC237A	BC208	MPS6520		
BC184	S	N	E	BC173 BC319	BC239 BC239B	BC209 BC237	MPS6521		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BC185	S	N	E	BC140 BC181	BC177	BC261	2N2219		
BC186	S	P	E	BC107A BC261	BC177VI BC281	BC178			
BC187	S	P	E	BC177VI BC261	BC178A BC181	BC179			
BC192	S	P	E				2N2907		
BC197	S	N	E	BC207	BC317	BC237B			
BC197A	S	N	E	BC123g BC171	BC147 BC182	BC107 BC207			
BC198	S	N	E	BC208	BC318	BC146g			
BC199	S	N	E	BC146G					
BC199B	S	N	E	BC209 BC149	BC319 BC109	BC122gr BC173			
BC200	S	P	E	BC206	BC322				
BC201	S	P	E	BC200 BC239	BC109	BC168			2SA565
BC202	S	P	E	BC200g BC239	BC108	BC238			2SA565
BC203	S	P	E	BC200g	BC107	BC237			2SA565
BC204	S	P	E	BC212 BC177	BC251	BC307	MPS6517		
BC204VI	S	P	E						
BC205	S	P	E	BC213 BC178	BC252	BC308	MPS6518		
BC206	S	P	E	BC214 BC179	BC253	BC309	MPS6519		
BC207	S	P	E	BC147 BC171	BC107	BC182			
BC207IX	S	N	E						
BC208	S	N	E	BC148 BC172	BC108	BC183			
BC209	S	N	E	BC149 BC173	BC109	BC184			
BC211	S	N	E	BC140			2N3020 2N2218A	2N3036 2N2219A	
BC212	S	P	E	BC204 BC157	BC320 BC177	BC307 BC251			
BC213	S	P	E	BC205 BC157	BC321 BC177	BC307VI BC204			
BC214	S	P	E	BC206 BC159	BC322 BC179	BC307A BC253			
BC215	S	P	E	BC327 BC231	BC149 BC261	BC157			
BC219A	S	P	E				2N4360		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BC219B	S	P	E				2N4343		
BC219C	S	P	E				2N4342		
BC220	S	N	E	BC113	BC237A				
BC221	S	P	E	BC328			2N3638A		
BC222	S	N	E	BC125	BC338				
BC223	S	N	E	BC337 BC207	BC130 BC107	BC147	2N3704		
BC224	S	P	E	BC308B BC213	BC258B BC205	BC158 BC162			
BC225	S	P	E	BC307A					
BC231	S	P	E	BC327 BC137	BC257A BC161	BC179	FPS6535		
BC232	S	N	E	BC167A BC207	BC130 BC107	BC147			
BC232A	S	N	E	BC337			FPS6532		
BC237	S	N	E	BC182 BC171	BC207	BC317	MPS6566		
BC238	S	N	E	BC172 BC318	BC183	BC208	MPS6520		
BC239	S	N	E	BC173 BC319	BC184	BC209	MPS6521		
BC250	S	P	E	BC205 BC308	BC231 BC177	BC308VI			
BC251	S	P	E	BC204 BC157	BC320 BC153	BC307			
BC252	S	P	E	BC205 BC158	BC213	BC308			
BC253	S	P	E	BC206 BC159	BC322 BC179	BC309 BC214			2SA565
BC254	S	N	E	BC307A BC147	BC108 BC207	BC130 BC107			
BC255	S	N	E	BC337 BC147	BC108B BC107	BC130			
BC 256	S	P	E				2N4250A		
BC257	S	P	E	BC231 BC307	BC251 BC204	BC177	MPS6517		2SA565
BC258	S	P	E	BC178 BC308	BC231 BC205	BC252	MPS6518		2SA565
BC259	S	P	E	BC179 BC206	BC253	BC309	MPS6519		
BC260	S	P	E				2N3964		
BC261	S	P	E	BC177 BC212	BC157 BC204	BC153	2N3964		
BC262	S	P	E	BC178 BC205	BC158	BC213	2N3964		
BC263	S	P	E	BC179 BC214	BC159 BC206	BC153	2N3964		
BC266	S	P	E				2N3962	2N3965	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BC267	S	N	E	BC207	BC317				
BC268	S	N	E	BC208	BC318	BC338			
BC269	S	N	E	BC209	BC319	BC109			
BC270	S	N	E	BC283	BC338				
BC271	S	N	E	BC283	BC338				
BC272	S	N	E	BC337			2N2222		
BC280	S	N	E				2N930		
BC281	S	P	E				2N3964		
BC282	S	N	E						
BC283	S	P	E				2N2906		
BC284	S	N	E				2N915		
BC285	S	N	E	BF336			2N3114		
BC286	S	N	E	BC141/16					
BC287	S	N	E	BC161/10					
BC288	S	P	E	BFX34					
BC289	S	N	E	BC107					
BC300	S	N	E				2N1893	2N3019	
BC301	S	N	E	BC286	BC141/6				
BC302	S	N	E	BC140/6			2N3109		
BC303	S	P	E	BC287			2N4036		
BC304	S	P	E	BC287	BC160/6				
BC307	S	P	E	BC177	BC212	BC251	MPS6517		
				BC204	BC320				
BC308	S	P	E	BC178	BC213	BC252	MPS6518		
				BC205	BC321				
BC309	S	P	E	BC179	BC214	BC253	MPS6519		
				BC206	BC322	BC178			
BC310	S	N	E	BC286					
BC311	S	P	E	BC287					
BC315	S	P	E	BC415A			2N5087		
BC317IX	S	N	E						
BC320	S	P	E	BC327					
BC320A	S	P	E	BC327					
BC320B	S	P	E	BC327					
BC322	S	P	E						
BC329	S	N	E				2N5210		
BC337	S	N	E				2N2222A		
BC338	S	N	E						
BC340	S	N	E				2N3109	2N3110	
BC341	S	N	E				2N3107	2N3108	
BC360	S	P	E	BC160			2N5022	2N5023	
							2N1132		
BC361	S	P	E	BC161	BC157		2N4030	2N4031	
BC383	S	N	E	BC413B	BC413C	BC337			

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BC384	S	N	E	BC413B	BC237				
BC385	S	N	E	BC237					
BC386	S	N	E	BC238	BC385				
BC413	S	N	E						
BC414	S	N	E						
BC415	S	P	E						
BC416	S	P	E						
BCW46	S	N	E				SE4020		
BCW47	S	N	E	BC207	BC317				
BCW48	S	N	E	BC208	BC318				
BCW49	S	N	E	BC209	BC319				
BCW56	S	P	E				2N4249		
BCW57	S	P	E	BC204	BC320				
BCW58	S	P	E	BC205	BC321				
BCW59	S	P	E	BC206	BC322				
BCW85	S	P	E				2N2907A		
BCW86	S	P	E	BC177A					
BCY12	S	P	E	BC160			2N1132		
BCY13	S	N	E				2N2219		
BCY14	S	N	E	BFY13			2N2219		
BCY15	S	N	E	BFY14			2N2219		
BCY16	S	N	E	BFY14	BSY18		2N2219		
BCY17	S	P	E	BCY12	BCY34				
BCY18	S	P	E	BCY12	BCZ11				
BCY19	S	P	E	BCY11	BCY31	BCZ12			
BCY20	S	P	E	BCY30					
BCY27	S	P	E	BCY31	BCZ10				
BCY28	S	P	E	BCY31	BCZ11				
BCY29	S	P	E	BCY30	BCZ12				
BCY30	S	P	E	BCY29	BCW56A				
BCY31	S	P	E	BCY27	BCY28	BCW56A			
BCY34	S	P	E	BCY17	BCZ10	BCY78VII			
				BCY27	BC177	BC261			
BCY39	S	P	E	BC161	BC160		2N2904A	2N2904	
BCY50	S	N	E	BC108A	BC183B	BC183	MPS6520		
				BC108B					
BCY50i	S	N	E	BC108B	BC183B				
BCY50r	S	N	E	BC109B	BC184B				
BCY51	S	N	E	BC107	BC108A	BC183	MPS6520		
				BC182B	BC107B				
BCY51i	S	N	E	BC107B	BC182B				
BCY51r	S	N	E	BC109	BC184	BC109B	MPS6521		
				BC184B					
BCY55	S	N	E				2N2060B		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BCY56	S	N	E				FT107B	SE4021	
BCY57	S	N	E	BCY58	BC107A	BC182A	FT107A 2N3568	SE4022 2N2921	2SC648
BCY58	S	N	E	AM261 BCY58X	BC107B BC182B	BFY44 BCY38	MPS6566 FT107A	SE4022 2N3568	2SC907
BCY59	S	N	E	AM262 BCY59VII	BC107B	BC182B	MPS6566 FT107B	SE4021	2SC907
BCY65	S	N	E	BC107B			2N2483 SE4020	FT107C 2N2484	2SC648
BCY66	S	N	E	BC107	BCY59VIII	BC107B	FT107B	SE4021	2SC648
BCY67	S	P	E	BCY71			FT107B	SE4021	
BCY70	S	P	E	BCY79 BC212	BC177 BC204	BC261 BC216	2N3964		2SA549
BCY71	S	P	E				2N3964		
BCY72	S	P	E				2N3964		
BCY78	S	P	E				2N3964		
BCY79	S	P	E				2N3964		
BCY87	S	N	E						
BCY88	S	N	E						
BCY89	S	N	E						
BCZ10	S	P	E	BCY17 BC177	BCY27 BC261	BCY34 BC212			
BCZ11	S	P	E	BCY18 BC261	BCY28 BC212	BC177 BC204			
BCZ12	S	P	E	BCY19	BCY29	BCY31			
BCZ13	S	P	E	BCY27 BC178	BCZ33 BC261	BCY33 BC213			
BCZ14	S	P	E	BCZ34 BC261	BCY28 BC213	BC178 BC205			
BD106	S	N	E				2N4910		
BD106A	S	N	E	BD109C BCY47A	BDY34 BD106	BD124	2N3054		2SC830
BD106B	S	N	E	BD109D BCY47A	BDY34 BD106	BD124			2SC830
BD107	S	N	E				2N4911	2N4912	
BD107A	S	N	E	BDY13/10 BCY47A	BDY34 BD107	BD124	2N3054		2SC830
BD107B	S	N	E	BDY13/16	BD107				2SC830
BD109	S	N	E	BDY39 BD107	BDY34	BD124	2N3054		2SC830
BD111	S	N	E	BDY39 BD107	BDY34	BDY72	2N3054		2SC681A
BD112	S	N	E	BDY39					2SC830
BD113	S	N	E	BDY39	BD145				
BD115	S	N	E	SBF258 BF115	BF179C	BD127			2SC1546

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BD116	S	N	E	BDY13 BD117	BD127 AM291	BD145	2N3055		
BD117	S	N	E	BDY39	BD127	AM291	2N3055		2SC1030
BD118	S	N	E	BD130 AM291	BD127	BD145	2N3055		
BD119	S	N	E	BU111	BD127				
BD120	S	N	E	BU110					
BD121	S	N	E	BD130	BD111	AM291	2N3055		
BD123	S	N	E	BD130	AM291		2N3055		
BD124	S	N	E	BDY13	BD107		2N3054	2N3055	
BD127	S	N	E	BU111					
BD128	S	N	E	BU111					
BD129	S	N	E	BU111					
BD130	S	N	E	AM291	BDX10		2N3055		2SC1030
BD135	S	N	E	SDA345	BD137				
BD136	S	P	E	SDA445					
BD137	S	N	E	SDA345					
BD138	S	P	E	SDB445					
BD139	S	N	E	SD345					
BD140	S	P	E	SD445					
BD141	S	N	E				2N4347	2N3442	
BD142	S	N	E	AM291	BDX10		2N3055		
BD148	S	N	E						
BD149	S	N	E						
BD162	S	N	E				2N4910		
BD163	S	N	E				2N4910		
BDX10	S	N	E	AM291			2N3055		
BDX11	S	N	E				2N3442		
BDX12	S	N	E				2N4347		
BDX13	S	N	E	BDY38			40251		
BDY10	S	N	E	BDY38			2N4907		
BDY11	S	N	E				2N4909		
BDY12	S	N	E	BD124	BLY47A		2N4910	2N3054	2SC830H
BDY13	S	N	E	BD124			2N3054 2N3050	2N3055	2SC830H
BDY15	S	N	E	BDY12	BD124	BLY47A	2N4910	2N3054	2SC830H
BDY16	S	N	E	BDY13	BD124		2N4911 2N3055	2N4912	
BDY17	S	N	E				2N3771	2N3055	
BDY18	S	N	E	BD130			2N3772	2N3055	
BDY19	S	N	E	BD130			2N3773	2N3055	
BDY20	S	N	E	AM291	BDX10	BD130	2N3055		
BDY23	S	N	E	BDY92			2N4914		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BDY24	S	N	E	BDY91			2N4915		
BDY25	S	N	E				2N4347	2N3442	
BDY38	S	N	E	BD130			2N4914	2N3055	2SC665H
BDY39	S	N	E	AM291	BDX10		2N3055		
BDY55	S	N	E	AM291	BDX10		2N3055		
BDY56	S	N	E				2N4347		
BDY57	S	N	E				2N5403		
BDY58	S	N	E				2N4348		
BDY60	S	N	E	BDY13					
BDY61	S	N	E	BDY13					
BDY62	S	N	E	BDY13					
BDY71	S	N	E				2N3054		
BDY72	S	N	E				2N3441		
BDY73	S	N	E				2N3715		
BDY74	S	N	E				2N4347		
BDY75	S	N	E				2N3771		
BDY76	S	N	E				2N3772		
BDY74	S	N	E				2N2773		
BDY78	S	N	E				2N3054		
BDY79	S	N	E				2N3441		
BDY87									
BDY88									
BDY89									
BF108	S	N	E	BF109 BF178	BF114	BF117			
BF109	S	N	E	BF114 BFY43	BF117	BF178			
BF110	S	N	E	BF114 BF178	BF117 BF111	BF140			
BF111	S	N	E	SBF178 BD127	BD115 BF257	BF179C BF178			2SC154C
BF114	S	N	E	BF108 BF178	BF115 BF257	BF117 BFY43			
BF115	S	N	E	BF117	BF194	BF225	SE5056		2SC445
BF117	S	N	E	BF178	BF257		SE7001		2SC154
BF118	S	N	E	SBF258 BF178	BF338 BF258	BF179C			2SC154C
BF119	S	N	E	BF337	BF178				
BF120	S	N	E	BF179			SE7055	2N5833	
BF121	S	N	E	BF196	BF167		SE5056		2SC454
BF123	S	N	E	BF197 BF237	BF173	BF196	SE5030B		2SC464
BF125	S	N	E	BF197 BF237	BF173	BF314	SE5031		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BF127	S	N	E	BF167	BF196		SE5056		2SC682
BF130	S	N	E	BC107A	BFY39				
BF131	S	N	E	BFY39					
BF132	S	N	E	BCY58	BFY37				
BF133	S	N	E	BSX48	BFY37				
BF134	S	N	E	BFX62	BF173	BF115			
BF136	S	N	E	BFX60	BF167				
BF137	S	N	E	BF194	BF115	BF173			
BF138	S	N	E	BFX60	BF167	BF136			
BF140	S	N	E	BF114	BF178	BFY43	2N257		
BF140D	S	N	E	BF178	BF179B	BF118			2SC154C
BF152	S	N	E	BF183	BFX62				
BF153	S	N	E	BF255	BF185	BF254	2N5363		
				BF194	BF121				
BF154	S	N	E	BC172A	BC183A	BC238A	MPS6565	2N3564	
				BF196	BF185	BF255			
BF155	S	N	E	BF180	BFX62		2N4134		
BF156	S	N	E	BF117	BF140	BF178	SE7002		
				BF257	BFY43				
BF157	S	N	E	BF170	BF173	SBF257			2SC154C
				BF179	BF178	BF179A			
BF158	S	N	E	BF173	BF199	BF237	2N3563	40478	
BF159	S	N	E	BF173	BF199	BF237	40478		
BF160	S	N	E	BF185	BF255	BF237	40478		
				BF173					
BF161	S	N	E	BF181	BFX62	BF255	2N4134		2SC707
BF162	S	N	E	BF200	BFX62				
BF163	S	N	E	BF167	BF196	BF198			
BF164	S	N	E	BF167	BF198	BF224			
BF165	S	N	E	BC182A	BF195	BF185	MPS6565	2N3564	
				BC180A	BC207A	BC107A			
BF166	S	N	E	BF173	BF200	BFX62	2N4134		
				BF167	BF237				
BF167	S	N	E	BF189	BF200	BF237	SE5056		2SC682
BF168	S	N	E	BF173	BF167				
BF169	S	N	E	BC108	BC108A	BC183A	MPS6520		
				BF115	BC208A				
BF169A	S	N	E	BF115					
BF170	S	N	E	BF173	BF178				
BF173	S	N	E	BF117	BF140	BF306	FT129	SE5031	2SC464
				BF224					
BF174	S	N	E	BF114	BF170	BF178			2SC154C
				SBF257	BF179A	BF179B			
BF175	S	N	E	BF167	BF225		2N4134	2N4012	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BF176	S	N	E	BF173	BF311		SE5025		
BF177	S	N	E	BF108 BF179A	BF117 BFY43	BF257	SE7002		2SC856
BF178	S	N	E	BF108	SBF178	BF140D			2SC856
BF179	S	N	E	BF148	SBF258				
BF179A	S	N	E	BF179	BF118				2SC154C
BF179B	S	N	E	BF179C	BF118				2SC154C
BF179C	S	N	E	BF118					2SC154C
BF180	S	N	E				MT1061		
BF181	S	N	E				SE3005		
BF182	S	N	E	BFX62			SE3005		
BF183	S	N	E	BFX62			SE3005		
BF184	S	N	E	BF115	BF167	BF234	SE5056		2SC460
BF185	S	N	E	BF115 BF237	BF167 BF125	BF235	SE5056	40478	2SC535
BF186	S	N	E	SBF258 BF225	BF111 BF118	BF178			2SC154C
BF189	S	N	E	BF115 BF224	BF173 BF167	BF184			
BF194	S	N	E	BF115 BF234	BF173 BF224	BF163 BF189	SE5056		2SC460
BF195	S	N	E	BF115 BF235	BF173 BF225	BF163	SE5056		2SC535
BF196	S	N	E	BF329	BF167	BF225	SE5056		2SC682
BF197	S	N	E	BF330	BF173	BF224	SE5030B		2SC464
BF198	S	N	E	BF163	BF167	BF225	SE5056		
BF199	S	N	E	BF197	BF173	BF224	SE5030B		
BF200	S	N	E	BF162			SE5020	SE5024	
BF214	S	N	E	BF184	BF194				
BF215	S	N	E	BF185	BF195				
BF222	S	N	E	SBF222	BFX62	BF195			
BF223	S	N	E	BF197 BF169	BF232	BF224	SE5030B		
BF224	S	N	E	BF173			SE5030B		2SC682
BF225	S	N	E	BF167 BF196	BF224 BF225	BF163	SE5056	40487	2SC682
BF226	S	N	E	BF185					
BF227	S	N	E	BF173 BF224	BFR27	BF137	2N5830		
BF228	S	N	E	BF177	BSW69		2N5830		
BF229	S	N	E	BF163 BF184	BF254	BF194	SE5056		
BF230	S	N	E	BF163 BF185	BF255	BF195	SE5056		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BF232	S	N	E	BF173	BF224				2SC464
BF233	S	N	E	BF254					
BF234	S	N	E	BF184	BF254	BF229			
				BF194					
BF235	S	N	E	BF255	BF184				
BF236	S	N	E	BF255					
BF237	S	N	E	BF163	BF194	BF241	SE5056		
				BF115	BF195				
BF238	S	N	E	BF163	BF195	BF240	SE5056		
				BF115	BF194				
BF240	S	N	E	BF167			SE5056		
BF241	S	N	E	BF173			SE5030B		
BF243	S	P	E				2N3588		
BF244	S	P	E	BF245					
BF245	S	P	E	BF244					
BF246	S	P	E	BF247					
BF247	S	P	E	BF246					
BF251	S	N	E	BF167			SE5056		
BF254	S	N	E	BF163	BF194		SE5056		
BF255	S	N	E	BF163	BF195		SE5056		
BF257	S	N	E	SBF257	BD115				
BF258	S	N	E	SBF258	BF338	BF259			
BF259	S	N	E	BF258	BF338		SE7056		
BF260	S	N	E	BF167	BF173	BF200	SE5056		
BF261	S	N	E	BF167	BF173		SE5056		
BF268	S	N	E	BFY90					
BF270	S	N	E	BF167			SE5056		
BF271	S	N	E	BF173			FT129	SE5030B	
BF287	S	N	E	BF167			2N4134		
BF288	S	N	E	BF163			SE5056		
BF290	S	N	E				SE5031		
BF291	S	N	E				2N915		
BF292A	S	N	E				SE7001		
BF292B1	S	N	E	SBF178					
BF292C	S	N	E				SE7055		
BF297	S	N	E	BF118					
BF298	S	N	E	BF118					
BF299	S	N	E						
BF302	S	N	E	BF160			FT129		
BF303	S	N	E				FT129	SE5031	
BF304	S	N	E	BF173			FT129	SE5031	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BF305	S	N	E	SBF257					
BF306	S	N	E	BF173			FT129	SE5031	
BF310	S	N	E	BF181			SE5030B		2SC856
BF311	S	N	E	BF173	BF224		SE5030B		
BF314	S	N	E	BF200					
BF324	S	P	E						
BF329	S	N	E	BF196			SE5056		
BF330	S	N	E	BF197			SE5031		
BF332	S	N	E	BF152					
BF333	S	N	E	BF160					
BF334	S	N	E				SE5056		
BF335	S	N	E				SE5056		
BF336	S	N	E						
BF337	S	N	E						
BF338	S	N	E						
BF390	S	N	E				SE7056		
BF450	S	P	E						
BF451									
BF457	S	N	E	BD115					
BF458	S	N	E	BD115					
BF459	S	N	E	BF338					
BFR14	S	N	E						
BFR15	S	N	E						
BFR22	S	N	E				2N2102		
BFR23	S	P	E				2N4036		
BFR24	S	P	E				2N4037		
BFR25	S	N	E	BSV68			2N4390		
BFR29	S	N	E						
BFR63	S	N	E						
BFR64	S	N	E						
BFS10	S	N	E				2N3866		
BFS12	S	N	E				2N5042		
BFS17	S	N	E						
BFS18	S	N	E						
BFS19	S	N	E						
BFS20	S	N	E						
BFS21	S	N	E						
BFS21A	S	N	E						
BFS22	S	N	E						
BFS23	S	N	E						
BFS28	S	N	E						

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BFS47	S	N	E	BSX21					
BFS48	S	P	E				2N4031		
BFS52	S	P	E				2N2904		
BFS53	S	P	E				2N2905		
BFS55	S	N	E						
BFS65	S	P	E	BFS69					
BFS89	S	N	E	BD115					
BFS92	S	P	E						
BFS93	S	P	E						
BFS94	S	P	E						
BFS95	S	P	E						
BFS99	S	N	E				2N5830		
BFW10	S	P	E				2N4416		
BFW11	S	P	E				2N4416		
BFW12	S	P	E						
BFW13	S	P	E						
BFW16	S	N	E						
BFW16A	S	N	E	BFY39	BFY40		2N918		
BFW17	S	N	E						
BFW17A	S	N	E	BFY39			2N918		
BFW19	S	N	E				2N3137		
BFW20	S	P	E				2N3962		
BFW21	S	P	E				2N3963		
BFW22	S	P	E				2N3964		
BFW23	S	P	E				2N3965		
BFW24	S	N	E				2N3108		
BFW25	S	N	E				2N3109		
BFW26	S	N	E				2N3110		
BFW29	S	N	E				2N2219A		
BFW30	S	N	E	BFY69	BFY37		2N918	MT1061A	
BFW31	S	P	E				2N2907		
BFW32	S	N	E				2N2222		
BFW33	S	N	E				2N1893		
BFW36	S	N	E				2N3114		
BFW37	S	N	E				2N3114		
BFW39	S	N	E				2N2915		
BFW39A	S	N	E				2N2919A		
BFW40	S	N	E				2N2916		
BFW40A	S	N	E				2N2916		
BFW41	S	N	E				2N918		
BFW43	S	P	E				2N3494		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BFW44	S	P	E				2N3495		
BFW45	S	N	E				SE7001		
BFW46	S	N	E	BSX72			2N3924	2N3553	
BFW47	S	N	E				2N3553 40478	2N719A	
BFW51	S	N	E				2N2974		
BFW51A	S	N	E				2N2978		
BFW52	S	N	E				2N2975		
BFW52A	S	N	E				2N2979		
BFW57	S	N	E				SE6020		
BFW58	S	N	E				SE6020		
BFW59	S	N	E				SE6020		
BFW60	S	N	E	BC147A			SE6020		
BFW61	S	N	E				2N4222		
BFW63	S	N	E				FT129		
BFW64	S	N	E				MT1061		
BFW66	S	N	E				2N2219A		
BFW67	S	N	E				2N5058		
BFW68	S	N	E				2N2222A		
BFW92	S	N	E						
BFW96	S	N	E				2N4416		
BFW99S	S	N	E						
BFX11	S	P	E				2N3726		
BFX12	S	P	E	BC178VI BC213	BC178 BC205	BC262	MPS6518	2N2894	2SA548
BFX13	S	P	E	BC178VI BC213	BC178	BC262	MPS6518	2N2794	2SA548
BFX15	S	P	E				2N2060		
BFX17	S	N	E				2N3725		
BFX18	S	N	E	BF173	BF225	BFX60	2N918	2N4134	
BFX19	S	N	E	BC109	BF173	BFX60	2N918	2N4135	
BFX20	S	N	E	BF173	BFX60		2N918	2N4135	
BFX21	S	N	E	BF173	BFX59		2N918	2N4135	
BFX25	S	P	E					2N3504	
BFX29	S	P	E	BC161			2N2905A		2SA537
BFX30	S	P	E	BC161			2N2905A		2SA537
BFX31	S	N	E	BFX60	BC173		2N4134		
BFX32	S	P	E				2N3251		
BFX33	S	N	E	BFX55			2N2218		
BFX34	S	N	E						
BFX35	S	P	E				2N3504		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BFX36	S	P	F				2N4024		
BFX37	S	P	E				2N2907A	2N3962	
BFX38	S	P	E	BC161			2N4032		
BFX39	S	P	E				2N4030		
BFX40	S	P	E	BC161			2N4031	2N4033	
BFX41	S	P	E	BC161			2N4031	2N4030	
BFX43	S	N	E				2N2369		
BFX44	S	N	E				2N2368		
BFX45	S	N	E	BCW49	BC148		2N2222		2SC907
BFX47	S	N	E						
BFX48	S	P	E				2N2905	2N4034	
BFX50	S	N	E				2N2222A		
BFX51	S	N	E				2N2221A		
BFX52	S	N	E				2N2222A		
BFX53	S	N	E	BFY90					
BFX55	S	N	E	BFS23			2N3866		
BFX59	S	N	E	BFX89			2N918	FT129	
BFX59F	S	N	E						
BFX60	S	N	E	BF173			FT129		
BFX61	S	N	E	SFT443			2N1893		
BFX62	S	N	E	BF180					
BFX63	S	N	E						3SK20
BFX65									
BFX66	S	N	E				2N998		
BFX67	S	N	E				2N997		
BFX68	S	N	E				2N1711		
BFX68A	S	N	E				2N1711		
BFX69	S	N	E				2N1613		
BFX69A	S	N	E				2N3110		
BFX70	S	N	E				2N2060		
BFX71	S	N	E				2N2223		
BFX72	S	N	E				2N2223A		
BFX73	S	N	E				2N918		
BFX74	S	P	E				2N1131		
BFX74A	S	P	E				2N1132		
BFX77	S	N	E	BF115	BF173		2N918		
BFX82	S	P	E				2N4381		
BFX83	S	P	E				2N4382		
BFX84	S	N	E				2N3108		
BFX85	S	N	E				2N3107		
BFX86	S	N	E				2N3109		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BFX87	S	P	E				2N2904A		
BFX88	S	P	E				2N2904		
BFX89	S	N	E				2N918	MT1061	2SC707
BFX90	S	P	E				2N3930		
BFX91	S	P	E				2N3931		
BFX92	S	N	E				2N929		
BFX92A	S	N	E				2N2483		
BFX93	S	N	E				2N930		
BFX93A	S	N	E				2N2484		
BFX94	S	N	E				2N2221		
BFX95	S	N	E				2N2222		
BFX96	S	N	E				2N2218		
BFX97	S	N	E				2N2219		
BFX98	S	N	E				2N3114		
BFX99	S	N	E				2N2060B		
BFY10	S	N	E	BSX45 BFY55	BC107 BFX45	BFY33	2N929		
BFY11	S	N	E	BC107 BFY50	BFY33	BSX45	2N929	2N930	
BFY12	S	N	E	BCY13 BSX73	BFY10	BFY11	2N2219		2SC479
BFY12B	S	N	E				2N2218A		
BFY12C	S	N	E				2N2218A		
BFY12D	S	N	E				2N2219A		
BFY13	S	N	E	BCY14			2N2219	2N2219A	
BFY13B	S	N	E				2N2218A		
BFY13C	S	N	E				2N2218A		
BFY13D	S	N	E				2N2219A		
BFY14	S	N	E	BCY15	BF140	BFY43			
BFY15	S	N	E	BFY33	BSW19	BFY67	2N697 2N930	2N2219	
BFY16	S	N	E	BFY12			2N697	2N2219	
BFY17	S	N	E	BFY10 BSX72	BFY12	BFX55	2N708 2N2219	2N2218	
BFY18	S	N	E	BSX75 BCY59	BSY63 BFY87	BSY93	2N708		
BFY19	S	N	E	BSY63 BSY19	BC108A	BFY33	2N708 2N930	2N753	
BFY20	S	N	E	BF173			2N2218	2N2640	
BFY22	S	N	E	BC121 BC146r	BFY47r BF224	BFY87g	2N930		2SC475
BFY23	S	N	E	BC121g BC146r	BFY47g BF224	BFY87g	2N930		2SC476

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BFY23A	S	N	E	BC146gr BF224	BFY87w	BC146br			2SC476
BFY24	S	N	E	BC121 BC146r	BFY47r	BFY87A	2N930	2N918	
BFY25	S	N	E	BSY34	BFY28				
BFY26	S	N	E	BSY63			2N708		
BFY27	S	N	E	BFY28	BF167		2N915 2N2222A	2N2221A 2N918	
BFY28	S	N	E	BSY34			2N2221		
BFY29	S	N	E	BFY49r	BC146r	BC123	2N930		
BFY30	S	N	E	BFY49r	BC146r	BC130	2N930		
BFY33	S	N	E	BSY92 BFX33	BSX95	BSX46	2N1613		2SC479
BFY34	S	N	E	BSY44	BSX95	BSX45	2N1613		2SC479
BFY37	S	N	E	BSY70 BC108A	BSY93 BSX48	BSY95A BC107	2N2222	2N2218	2SC907
BFY37i	S	N	E	BSX48 BC107	BSY70 BFY37	BC108A	2N2218		2SC907
BFY39	S	N	E	BC107	BFY27	BSY39	2N930		
BFY39I	S	N	E	BC107A	BC182	BFY39			2SC284
BFY39II	S	N	E	BC107A	BC107B				
BFY39III	S	N	E	BC107B	BC107C				
BFY40	S	N	E	BFY34 BSY44	BSX44 BC140	BSY92 BF178	2N1613 2N1313	2N2218	2SC708
BFY41	S	N	E	BF111 BF140	BSY45	BF258	2N1893 2N698	2N2218A	2SC708A
BFY42	S	N	E	BC107			2N697		
BFY43	S	N	E	BF110 BSW68	BF114 BF178	BF140 BF258	2N3114		2SC154C
BFY44	S	N	E	BFY12	SFT443		2N3725		
BFY45	S	N	E	BFY65	BSW66	BF178	2N1990	SE7002	2SC857
BFY46	S	N	E	BSY71	BSX96	BSX45	2N1711		2SC479
BFY47	S	N	E	BC121					
BFY48	S	N	E	BC122			2N930		
BFY49	S	N	E				2N930		
BFY50	S	N	E	BSX46	BSY46	BSY85	2N2193 2N4047	2N3253 2N2222	2SC708
BFY51	S	N	E	BSY45	BSY46	BSY85	2N2193 2N4046	2N3252 2N3053	2SC708
BFY52	S	N	E	BSX45	BSY46	BFY56	2N3252 2N2219	2N3724 2N3053	2SC708
BFY53	S	N	E	BSX46	BSY46				
BFY55	S	N	E	BSY46			2N3253	2N2297	2SC708
BFY56	S	N	E	BSX46 BSX61	BFY50	BSY83	2N2297 2N3110	2N3252	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BFY56A	S	N	E	BSW65			2N3108		
BFY57	S	N	E	BF110	BF140	BF117	SE7002		
BFY63	S	N	E				2N3137		
BFY64	S	P	E				2N2905		
BFY65	S	N	E	BFY80 BSY56	BF177	BC141	2N1990 2N3036	2N1893	2SC154
BFY66	S	N	E	BFX62	BF180		2N918		
BFY67	S	N	E	BSY44	BSY52		2N1613		2SC708A
BFY67A	S	N	E				2N2219		2SC708
BFY67C	S	N	E				2N2219		2SC708
BFY68	S	N	E	BSY71			2N1711		
BFY68A	S	N	E				2N2219		
BFY69	S	N	E	BC146	BC122		2N706A		
BFY69A	S	N	E	BC146	BC122				
BFY70	S	N	E	SFT443			2N3724		
BFY72	S	N	E				2N2218	2N2219	
BFY74	S	N	E				2N2221	2N915	
BFY75	S	N	E				2N2221 2N915	2N2222A	
BFY76	S	N	E				2N929		
BFY77	S	N	E				2N929	2N930	
BFY78	S	N	E	BC109			2N918		
BFY79	S	N	E				2N3737		
BFY80	S	N	E	BF177	BSY56		2N1990 2N3036	2N719A 2N2896	2SC857
BFY81	S	N	E				2N2917		
BFY82	S	N	E				2N2982		
BFY83	S	N	E				2N2223		
BFY84	S	N	E				2N3423		
BFY85	S	N	E	BCY87	BF184	BFY19	2N2640 2N2896	2N3036	2SC280
BFY86	S	N	E	BCY89	BF185	BFY19	2N2639	2N3036	
BFY87	S	N	E	BC146 BFY19	BC122	BF185	2N930	2N5181	
BFY87A	S	N	E	BC146	BC122				
BFY88	S	N	E	BFX89 BFY19	BFX60	BF185	FT129 2N5181	SE50308	2SC707
BFY90	S	N	E	BF169			MT1061 2N2222	2N3013	
BFY91	S	N	E	BCY59VII	BFY86	BF169	2N2642	2N2915	2SC280
BFY92	S	N	E	BCY59VII	BFY85	BF169	2N2643		2SC280
BFY93	S	N	E				2N2920		
BFY95	S	P	E				2N2906		
BFY99	S	N	E	SFT443			2N3553	2N706A	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BFZ10	S	P	E	BCZ11					
BLX82	S	N	E				2N5039		
BLX83	S	N	E				2N5038		
BLX84	S	N	E				2N5038		
BLY14	S	N	E	SFT443			2N3553		
BLY15	S	N	E	SFT443A					
BLY15A	S	N	E				2N3632		
BLY16	S	N	E	SFT443A					
BLY17	S	N	E	SFT441A	BLY16				
BLY20	S	N	E	BLY16	SFT443A		2N3375		
BLY21	S	N	E	BLY16	SFT443A		2N3632		
BLY22	S	N	E	SFT440			2N3375	2N3632	
BLY25	S	N	E				2N4116		
BLY26	S	N	E				2N4115		
BLY27	S	N	E	SFT440			2N3375		
BLY28	S	N	E	SFT443A	BLY16				
BLY29	S	N	E				2N4075		
BLY30	S	N	E				2N4076		
BLY33	S		E						
BLY34	S		E						
BLY35	S		E						
BLY36	S	N	E				MSA8506	2N3375	
BLY37	S	N	E						
BLY38	S	N	E						
BLY47	S	N	E				2N4915		
BLY47A	S	N	E				2N3054		
BLY53	S	N	E						
BLY53A	S	N	E						
BLY55	S	N	E				MSA8507		
BLY57	S	N	E				2N3926	2N3632	
BLY58	S	N	E				2N3937	2N3632	
BLY59	S	N	E				2N3375		
BLY60	S	N	E				2N3927	2N3632	
BLY61	S		E						
BLY62	S	N	E				MSA8507		
BLY63	S	N	E				MSA8506		
BLY64	S	N	E				2N5002		
BLY65	S	P	E				2N5003		
BLY66	S	N	E				2N5004		
BLY68	S	N	E				2N5069		
BLY70	S	N	E				2N4915		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BLY72	S	N	E				2N5006		
BLY75	S	N	E				2N5025		
BLY76	S	N	E						
BLY87	S		E						
BLY87A	S		E						
BLY88	S		E						
BLY88A	S		E						
BLY89	S		E						
BLY89A	S		E						
BLY90	S		E						
BLY91	S		E						
BLY91A	S		E						
BLY92	S		E						
BLY92A	S		E						
BLY93	S		E						
BLY93A	S		E						
BLY94	S		E						
BSS10	S	N	E	BSX20			2N3261		
BSS11	S	N	E				2N3369	2N2369A	
BSS12	S	N	E	BSX20			2N3011		
BSS13	S	N	E				2N5189	2N3053	
BSS14	S	N	E	BFX34			2N5262		
BSS15	S	N	E	BSV94			2N5320		
BSS16	S	N	E	BSV93			2N5321		
BSS17	S	P	E				2N5322	2N4036	
BSS18	S	P	E				2N5323	2N4036	
BSS19	S	N	E	BSW69					
BSS20	S	N	E	BSW69					
BSV15	S	P	E						
BSV16	S	P	E						
BSV17	S	P	E						
BSV51	S	N	E	BSX21					
BSV52	S	N	E	BC122					
BSV62	S	N	E				2N4393		
BSV64	S	N	E	BFX34	BSX63-6				
BSV68	S	P	E						
BSV78	S	N	E						
BSV79	S	N	E						
BSV80	S	N	E						
BSV81	S	N	E						
BSV86	S	N	E						

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BSV87	S	N	E						
BSV88	S	N	E						
BSV93	S	N	E						
BSV94	S	N	E						
BSV96	S		E						
BSV97	S		E						
BSV98	S		E						
BSW10	S	N	E	BSX46	BSX23	BF177	2N2218A 2N699	2N3722	
BSW11	S	N	E	BSW59	BSW13		SE3646	2N3646	
BSW12	S	N	E	BSX69	BSW13	BF173	2N3646	SE3646	
BSW13	S	N	E	BC146					
BSW19	S	P	E	BCY78VII			2N3014 2N2906	2N3504 40406	2SA548
BSW20	S	P	E	BC307					
BSW21	S	P	E	BCY72			2N2906		
BSW21A	S	P	E	BCY71					
BSW22	S	P	E	BC178B			2N2907		
BSW22A	S	P	E	BCY79VIII					
BSW23	S	P	E				2N2904		
BSW24	S	P	E				2N2906		
BSW25	S	P	E	BCY72			2N2894A		
BSW26	S	N	E	BSX59			2N4047		
BSW27	S	N	E	BSX59			2N4047		
BSW28	S	N	E	BSX59			2N4047		
BSW29	S	N	E	BSX60			2N4046		
BSW32	S	N	E	BSX21			2N5830		
BSW33	S	N	E	BCW33	BC147A				2SC641
BSW34	S	N	E	BCW47					
BSW35	S	N	E	BCW46					
BSW41	S	N	E	BSX48			2N2221	2N3866	2SC321
BSW42	S	N	E	BC238A	BC207	BC317			
BSW42A	S	N	E	BC237A					
BSW43	S	N	E	BC238B	BC208	BC318			
BSW43A	S	N	E	BC237B					
BSW44	S	P	E	BC308VI	BC205	BC321			
BSW45	S	P	E	BC308B	BC206	BC322			
BSW45A	S	P	E	BC327					
BSW51	S	N	E	BSY34			2N2218		2SC479
BSW52	S	N	E	BSY34			2N2219		
BSW53	S	N	E	BSY34			2N2218A		2SC479

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BSW54	S	N	E	BSY34			2N2219A		
BSW58	S	N	E						
BSW59	S	N	E						
BSW61	S	N	E	BSX49			2N2221		
BSW62	S	N	E	BSX49			2N2222		
BSW63	S	N	E	BSX49			2N2221A		
BSW64	S	N	E	BSX49			2N2222A		
BSW65	S	N	E	BSX6-36	BSW10		2N3019	2N3725	
BSW66	S	N	E	BSX46			2N3019	2N3712	
BSW67	S	N	E				2N3712		
BSW68	S	N	E				2N3712		
BSW69	S	N	E	BFY45			2N3712		
BSW70	S	N	E				2N2222		
BSW72	S	P	E	BC327-16			2N2906		
BSW73	S	P	E	BC327-25			2N2907		
BSW74	S	P	E	BC327-16			2N2906		
BSW75	S	P	E	BC327-25			2N2907		
BSW82	S	N	E	BSX48			2N2221		
BSW83	S	N	E	BSX48			2N2222		
BSW84	S	N	E	BSX49			2N2221A		
BSW85	S	N	E	BSX49			2N2222A		
BSW88	S	N	E	BSW33	BC167A		2N3692		
BSW89	S	N	E	BSW33	BC167A		2N3692		
BSW93	S	P	E				2N5023		
BSX12	S	N	E	BSY58			2N3303		
BSX12A	S	N	E						
BSX19	S	N	E	BSX48			2N2368		2SC689
BSX20	S	N	E	BSX48	BSY19		2N2369		2SC689
BSX21	S	N	E	BFY45	BFY80		2N1990R	2N1893	2SC857
BSX22	S	N	E	BSX45	BFY50	BSX62	2N1613	2N3724	
				BSW26			2N4231		
BSX23	S	N	E	BFX34	BSX62	BSW26	2N1613	2N3725	
BSX24	S	N	E	BSX51A	BSW41	BCY58	2N2221		2SC907
				BSW27					
BSX25	S	N	E	BSX24	BSX51A	BSW41	2N2222	2N913	
				BCY59	BSW82				
BSX26	S	N	E	BSY19	BSY63		2N708	2N2368	
BSX27	S	N	E	BSX20			2N2368	2N709	
BSX28	S	N	E	BSX20			2N2368	2N2369	
BSX29	S	P	E				2N2906	2N2894	
BSX30	S	N	E				2N2410	2N2846	
BSX32	S	N	E				2N2218	2N3725	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BSX33	S	N	E				2N2218A	2N3110	
BSX35	S	P	E	BSX20			2N2906	2N3304	
BSX36	S	P	E	BSW41			2N2906	2N2907	
BSX38	S	N	E	BSX24	BSX51	BCY58VII	2N2222	2N708	2SC907
				BSY19					
BSX39	S	N	E	BSX20			2N708		
BSX40	S	P	E	BSV15-6			2N2904		2SA537
BSX41	S	P	E	BSV15-16			2N2905		
BSX44	S	N	E				2N2218A	2N709	
BSX45	S	N	E	BSX22			2N3252	2N4231	
BSX45-6	S	N	E				2N3110		
BSX45-10	S	N	E				2N3110		
BSX45-16	S	N	E				2N3109		
BSX46	S	N	E	BSV64			2N3252		
BSX46-6	S	N	E				2N3108		
BSX46-10	S	N	E				2N3108		
BSX46-16	S	N	E				2N3107		
BSX47	S		E						
BSX48	S	N	E				2N2221	2N4013	
BSX49	S	N	E				2N2222A	2N4013	
BSX51	S	N	E	BCY58VII			2N2222		
BSX51A	S	N	E	SFT714A	BC107A		2N2222A		
BSX52	S	N	E	BCY58VIII			2N2222		
BSX52A	S	N	E	BC107B			2N2222A		
BSX53	S	N	E	BSX51	BCY58VIII		2N2222	2N1613	2SC907
BSX54	S	N	E	BSX51A	BC107A	BCY59	2N2222A	2N1711	
BSX59	S	N	E	BSX45			2N3725	2N2218A	2SC479
BSX60	S	N	E	BSX45			2N3724	2N2219A	2SC479
BSX61	S	N	E	BSX45			2N3725	2N2219A	2SC479
BSX62	S	N	E	BSW65	BFX34		2N1889		
BSX63	S	N	E	BSW65	BFX34		2N1893		
BSX66	S	N	E	BC108A			2N743		
BSX67	S	N	E	BC108A			2N744		
BSX68	S	N	E	BC148			2N2884		2SC641
BSX69	S	N	E	BC148	BFY39		2N2884		
BSX70	S	N	E				2N2222		
BSX71	S	N	E				2N2222		
BSX72	S	N	E	BSY78			2N2218	2N2219	2SC479
							2N3724		
BSX73	S	N	E				2N2218		
BSX74	S	N	E	BSX74			2N2219		
BSX75	S	N	E	BSW41	BSX48		2N4013	2N3704A	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BSX76	S	N	E				2N2369		
BSX77	S	N	E				2N2369		
BSX78	S	N	E				2N2369		
BSX79	S	N	E	BSX51A	BSY74	BCY59VII	2N2222	2N2219	
BSX80	S	N	E	BSX68	BSY63		2N708		2SC641
BSX81	S	N	E	BSW33	BCY58		2N718	2N2410	
BSX87	S	N	E				2N914		
BSX87A	S	N	E				2N708		
BSX88	S	N	E				2N708		
BSX88A	S	N	E				2N914		
BSX89	S	N	E				2N706A		
BSX90	S	N	E				2N743		
BSX91	S	N	E				2N744		
BSX92	S	N	E				2N2368		
BSX93	S	N	E				2N2369		
BSX94	S	P	E				2N4207		
BSX95	S	N	E	BSX45					2SC479
BSX96	S	N	E	BSX45					2SC479
BSX97	S	N	E	BSX48			2N2218		
BSY10	S	N	E	BSY45 BCY65E	BFY50 BSY44	BF177	2N735	2N2222	
BSY11	S	N	E	BSY44	BFY50	BCY59VII	2N736	2N2222	
BSY17	S	N	E	BSY70	BSY21		2N743 2N914	2N2368	2SC321
BSY18	S	N	E	BCY16 BSY21	BSY70	BSX20	2N744	2N2368	2SC321
BSY19	S	N	E	BSY63	BSX20		2N708		2SC321
BSY20	S	N	E	BSY18	BSY62	BSY70	2N706B		
BSY21	S	N	E	BSY10 BSX20	BSY18	BSY63	2N914		
BSY22	S	N	E	BF115	BSY63		2N916	2N3014	
BSY23	S	N	E	BSY63			2N834 2N3014	2N2368	
BSY24	S	N	E	BSX72 BSX62	BSY58	BSY91	2N2218		
BSY25	S	N	E	BSX72	BSY46	BSY58	2N2218	2N2219	
BSY26	S	N	E	BSY18	BSY19	BSY39	2N706A		
BSY27	S	N	E	BSY18	BSY39		2N753		
BSY28	S	N	E	BSY19	BSY38	BSY21	2N708 2N743	2N914	
BSY29	S	N	E	BSX70	BSY21	BSY39	2N708 2N744	2N914	
BSY32	S	N	E	BSX70	BSY29	BSY38	2N743		
BSY33	S	N	E	BSX70	BSY29	BSY39	2N744		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BSY34	S	N	E	BFY44	BSX61	BSX73	2N2218	2N3724	2SC479
BSY36	S	N	E	BSY21	BSY38	BSY70	2N708	2N743	
BSY37	S	N	E	BSY21	BSY38	BSY70	2N708	2N743	
BSY38	S	N	E	BSY21	BSY19		2N708	2N743	
BSY39	S	N	E	BSY19	BSY21		2N708	2N744	
BSY40	S	P	E	BCY78			2N2297	2N2894	2SA548
BSY41	S	P	E	BCY78			2N2894		2SA548
BSY42	S	N	E	BFY12	BSX73		2N2219		
BSY43	S	N	E	BFY12	BSX73		2N2219		
BSY44	S	N	E	BSX45	BSX95		2N1613		2SC708
BSY45	S	N	E	BC141-6			2N1893	2N3498	2SC708
BSY46	S	N	E	BFY55	BSX46		2N1613	2N2193	2SC708
							2N1893		
BSY47	S	N	E	BSY20	BSY62	BSY70	2N706A		
BSY48	S	N	E	BSY20	BSY62	BSY70	2N706A		
BSY50	S	N	E	BSY20	BSY62	BSY70	2N706A		
BSY51	S	N	E	BFY34	BSX45		2N697		2SC479
BSY52	S	N	E	BFY34	BSX45		2N1420	2N2219	2SC479
							2N1711		
BSY53	S	N	E	BFY34	BSX45	BSY67	2N1613		2SC479
				BSX46-6	BSY44				
BSY54	S	N	E	BFY46	BSX45	BSY71	2N1711	2N2219A	
				BSX46-10					
BSY55	S	N	E	BFY14C	BSY45	BSX46-6	2N1893	2N3498	
BSY56	S	N	E	BFY14D	BSX46-10		2N1890		
BSY58	S	N	E	BFY44	BSX73		2N2218	2N3724	2SC479
BSY59	S	P	E	BC328					
BSY60	S	N	E				2N706A		
BSY61	S	N	E	BC238A			2N706A		
BSY62	S	N	E	BSY70	BSX20		2N706	2N706A	
							2N708		
BSY62A	S	N	E	BSY62	BSY70	BSX20	2N706A		2SC321
BSY62B	S	N	E	BSY62	BSX20		2N706A		2SC321
BSY63	S	N	E	BSY19	BSX20		2N708	2N2369	2SC321
BSY68	S	N	E	BFY65			2N1990	2N3114	
BSY70	S	N	E	BSY62	BSX19		2N706		2SC321
BSY71	S	N	E	BFY46	BSX45-16		2N1711	2N2219A	
							2N2219		
BSY72	S	N	E	BC108A	BC139A	BC182A	MPS6520	2N930	2SC648
				BCY58VII	BC130A	BC207A			
BSY73	S	N	E	BSX53	BSY63	BC182A	MPS6520	2N2221	2SC907
				BC108A	BCY58VII	BC130A			
BSY74	S	N	E	BFY46	BSX53	BC182A	MPS6520	2N929	2SC907
				BC108A	BCY58VII	BC130A			

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BSY75	S	N	E	BFY33 BCY59VII	BSX51A	BSX79	2N2221		2SC907
BSY76	S	N	E	BFY12C	BSX45	BCY59VII	2N2221	2N2222	2SC907
BSY76B	S	N	E	BC108A					
BSY77	S	N	E	BFY34 BCY65E	BSX45 BSY56	BSX21	2N2219 2N2222A	2N2221A	
BSY78	S	N	E	BFY46	BSX45		2N2222A	2N3019	
BSY79	S	N	E	BFY45	BFY80	BSX45	2N1990R	2N3114	2SC857
BSY80	S	N	E	BC108 BCY58VIII	BC109 BC130C	BC108A BC184	2N930	MPS6520	2SC907
BSY81	S	N	E	BSX65-6	BSX72		2N2218	2N3110	2SC708
BSY82	S	N	E	BSX45-10	BSY72		2N2219	2N3109	
BSY83	S	N	E	BSY40	BSY46	BSX45-6	2N1613 2N2218A	2N2297 2N3110	2SC708
BSY84	S	N	E	BSX45-10			2N2219A	2N3109	
BSY85	S	N	E	BSY46			2N1893 2N3108	2N2193A	2SC708A
BSY86	S	N	E	BSX46-10			2N1893 2N3107	2N3019	
BSY87	S	N	E	BFC14C	BC141-6		2N1893	2N3108	
BSY88	S	N	E	BFY14D	BC141-10		2N1893 2N3107	2N3019	
BSY89	S	N	E						
BSY90	S	N	E	BFY46	BC140-16		2N1711	2N2219	
BSY91	S	N	E	BFY33 BSX60	BSX25 BSX48	BSX51A	2N2218		2SC708
BSY92	S	N	E	BFY34	BSX45-6		2N2219		2SC479
BSY93	S	N	E	BCY65E			2N2222		
BSY95	S	N	E				2N2369		
BSY95A	S	N	E	BSX73 BSY62	BSY58	BC108A	2N2218	2N2369	2SC321
BSY149A	S	N	E	BSX66					
BSY149B	S	N	E	BSX67					
BSY152A	S	N	E	BSX19					
BSY152B	S	N	E	BSX20					
BU100	S	N	E						
BU102	S	N	E						
BU103A	S	N	E				2N4912		
BU104	S	N	E	BU108					
BU105									2SC937
BU108	S	N	E						
BU109	S	N	E	BU108					
BU110	S	N	E						
BU111	S	N	E	BU126					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
BU114	S	N	E						
BU120	S	N	E	BDY98					
BU126	S	N	E						
BUY12	S	N	E	BDY91					
BUY13	S	N	E	BDY91	BDY93				2SC665
BUY14	S	N	E	BDY61			2N4911		2SD125A
BUY16	S	N	E	BDY90					
BUY17	S	N	E	BDY60					
BUY18	S	N	E	BU110					
BUY19	S	N	E				2N5730		
BUY24	S	N	E				2N5069		
BUY26	S	N	E				2N3442		
BUY35	S	N	E						
BUY43	S	N	E						
BUY44	S	N	E						
BUY46	S	N	E				2N3045		
BUY51A	S	N	E				2N3772		
CDT1311	G	P	E	AD131	AD151	ASZ17			
				AUY21IV	AUY28	ASZ18			
CDT1313	G	P	E	AD132	ASZ15	ASZ18	2N1100		
				AUY22IV	ASZ16				
CK13	G	P	A	ASY27					
CK14	G	P	A				2N1307		
CK17	G	P	A				2N1309		
CK22	G	P	A	AC125					
CK65	G	P	A	ASY27					
CK66	G	P	A	AC125					
CK721	G	P	A	AC125	AC126	OC71	2N2429		
CK722	G	P	A	AC125	AC126	OC71	2N2429		
CK724	G	P	A	AC125	AC126		2N2429		
CK725	G	P	A	AC125	AC126	OC71	2N2429		
CK727	G	P	A	AC125	AC126	OC71	2N2429		
CK751	G	P	A	AC128	AC132	OC72	2N2431	2N281	
CK759	G	P	A	AF127	AF185	OC45			
CK760	G	P	A	AF127	AF185	OC45			
CK761	G	P	A	AF126	AF127	AF185			
CK762	G	P	A	AF126	AF185	OC44			
CK766	G	P	A	AF126	AF185	OC44			
CK766A	G	P	A	AF126	AF185	OC44			
CK790	S	P	A	BCZ10					
CK791	S	P	A	BCZ11					
CK793	G	P	A	ASY77	OC77				

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
CK870	G	P	A	AC125	AC126		2N2429		
CK871	G	P	A	AC125	AC126		2N2429		
CK872	G	P	A	AC128	AC132	OC72	2N2431		
CK878	G	P	A	AC128	OC74		2N2431		
CK882	G	P	A	AC128	AC132	OC72	2N2431		
CK888	G	P	A	AC128	AC132	OC72	2N2431		
CK891	G	P	A	AC125					
CK892	G	P	A	AC125					
CK896	G	P	A	OC57					
CK896A	G	P	A	OC57	OC58				
CK897	G	P	A	OC58					
CK897A	G	P	A	OC58					
CK898	G	P	A	OC59					
CK898A	G	P	A	OC59	OC77				
CTP1003	G	P	E	ASZ15	OC28				
CTP1004	G	P	E	AD149	OC26		2N2836		
CTP1005	G	P	E	AD149	OC26	OC27	2N2836		
CTP1006	G	P	E	ASZ16	OC29				
CTP1032	G	P	E	AC125	AC126		2N2429		
CTP1033	G	P	E	AC125	AC126		2N2429		
CTP1034	G	P	E	AC125	AC126		2N2429		
CTP1035	G	P	E	AC125	AC126		2N2429		
CTP1036	G	P	E	AC126			2N2429		
CTP1104	G	P	E	AD130III OC26	AD149	OC30	2N2062A	2N2836	
CTP1108	G	P	E	AD130 AD130III	AD149	OC26	2N2061A	2N2836	
CTP1109	G	P	E	AD130III AD150IV	AD149 TI156	OC26 AD150	2N2061A	2N2836	
CTP1111	G	P	E	AD131 AD132II	AD132III	ASZ15	2N2065A		2SB472
CTP1320	G	P	E	AC125	AC126		2N2429		
CTP1330	G	P	E	AC125	AC126		2N2429		
CTP1340	G	P	E	AC125	AC126		2N2429		
CTP1350	G	P	E	AC125	AC126		2N2429		
CTP1360	G	P	E	AC126			2N2429		
CTP1390	G	P	E	AF127	AF185	OC45			
CTP1400	G	P	E	AF127	AF185	OC45			
CTP1410	G	P	E	AF126	AF185	OC44			
CTP1500	G	P	E	AD138 AUY22III	ADZ12 ASZ16	AUY21	2N1100	2N1556	
CTP1503	G	P	E	AD104 AUY22III	AD138 ASZ16	ADZ12	2N1100	2N1555	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
CTP1504	G	P	E	AD133	AD138	AD153III	2N1554		
				AUY21III	AUY28	ASZ18			
CTP1508	G	P	E	AD133	AD136	AD138	2N1553		
				AD133III	ADZ11				
CTP1509	G	P	E	ADZ12					
CTP1514	G	P	E	AD149	OC26		2N2836		
CTP1551	G	P	E	ASZ15					
CTP3500	G	P	E	ADZ12					
CTP3503	G	P	E	ADZ12					
CV2389	G	P	A	GET114	V10/30A	OC71			
CV2400	G	P	A	GET106	V10/30A	OC71			
CV7001	G	P	A	ACY31	2G303	GET103			
CV7002	G	P	A	2G382	GET116				
CV7003	G	P	A	ASY55	2G302	OC44			
CV7004	G	P	A	ASY54	GET873	OC45			
CV7005	G	P	A	GET103	2G371	OC71	2N280		
CV7006	G	P	A	GET103	OC72	V10/50A	2N281	2N374	
CV7007	G	P	A	GET111	2G377	OC77			
CV7008	G	P	A	GET106	V10/50A				
CV7009	G	P	A	GET110	V60/201P				
CV7010	G	P	A	OC26	V30/30P		2N1314		
CV7011	G	P	A	V60/30P					
CV7012	G	P	A	V60/30P					
CV7042	G	P	A	ASY63	2G302	TK29B			
CV7043	S	P	A	BCZ10					2S322
CV7044	S	P	A	BCZ11					2S323
CV7056	S	N	A						2S002
CV7057	S	N	A						2S003
CV7058	S	N	A						2S004
CV7059	S	N	A						2S005
CV7060	S	N	A						2S014
CV7061	S	N	A						2S012A
CV7062	S	N	A						2S017
CV7063	S	N	A						2S018
CV7064	S	N	A						2S019
CV7065	S	N	A						2S020
CV7066	S	N	A						2S013A
CV7074	G	P	A	GET103					
CV7075	S	P	A	OC201					2S323
CV7080	G	P	A	GET571					
CV7081	G	P	A	GET572					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
CV7082	G	P	A	GET573					
CV7083	G	P	A	NKT402	OC29				
CV7084	G	P	A	NKT404	OC35				
CV7085	G	P	A	NKT401					
CV7087	G	P	A	2G306					
CV7089	G	P	A	2G401					
CV7107	G	P	A	ACY31					
CV7131	S	N	A				2N1564		
CV7132	S	N	A				2N1565		
CV7134	S	N	A				2N1564		
CV7149	S	P	A						2S302
CV7151	S	P	A						2S303
CV7152	S	P	A						2S301
CV7154	S	N	A						2S103
CV7185	G	P	A	ASY66					
CV7326	G	P	A	2G377					
CV7327	G	P	A	2G371					
CV7328	S	N	A						2S104
CV7333	S	N	A						2S025
CV7334	S	N	A						2S026
CV7336	S	N	A				2N743		
CV7337	S	N	A				2N744		2S131
CV7341	S	P	A						2S300
CV7342	S	P	A						2S300
CV7343	S	P	A						2S300
CV7344	S	P	A						2S300
CV7345	S	P	A						2S300
CV7346	S	P	A						2S300
CV7348	G	N	A				2N1302		
CV7349	G	N	A				2N1304		
CV7350	G	N	A				2N1306		
CV7351	G	N	A				2N1308		
CV7352	G	P	A				2N1303		
CV7353	G	P	A				2N1305		
CV7354	G	P	A				2N1307		
CV7355	G	P	A				2N1309		
CV7361	S	N	A	BUY11					
CV7362	S	N	A	BSY25			2N2217		
CV7363	S	P	A						2S305
CV7366	S	P	A						2S305
CV7371	S	N	A				2N2220		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
CV7372	G	N	A				2N2221		
CV7379	S	N	A				2N916		
CV7390	G	P	A	2G102					
CV7391	G	P	A	2G110					
CV7393	G	P	A				2N705		
CV7394	G	P	A				2N711		
CV7396	S	P	A						2S307
CV7404	S	N	A				2N1893		
CV7430	S	N	A	BSY26					
CV7431	S	N	A	BSY27			2N753		
CV7440	S	N	A				2N1613		
CV7448	G	P	A	ASY60					
CV7459	S	P	A						2S300
CV7461	S	N	A						2S103
CV7462	S	P	A				2N2411		
CV7463	S	P	A				2N2412		
CV7464	S	N	A				2N706A		
CV7477	S	N	A	C63					
CV7478	S	N	A				2N918		
CV7479	S	N	A				2N2060		
CV7490	S	N	A	BFY17					
CV7491	S	N	A	BFY18					
CV7492	S	N	A				2N929		
CV7493	S	N	A				2N930		
CV7495	S	N	A				2N696		
CV7496	S	N	A				2N697		
CV7497	S	N	A	C64					
CV7554	S	N	A				2N2475		
CV7555	S	N	A				2N2369A		
CV7580	S	P	A				2N1131		
CV7581	S	P	A				2N1132		
CV7588	S	N	A						2S104P
CV7596	S	N	A						2S103
CV7598	S	P	A						2S301
CV7629	S	N	A						2S024
CV7630	S	P	A				2N2696		
CV7631	S	P	A				2N2904		
CV7648	S	N	A	BSY95A					
CV8414	S	N	A	DT1121					
CV8415	S	N	A	DT1111					
CV8416	S	N	A	DT1112					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
CV8424	S	N	A	DT4111					
CV8615	S	N	A	BSY95A					
D40D	S	N	A				2N6121		
D40D1	S	N	A				TIP29		
D40D2	S	N	A				TIP29		
D40D3	S	N	A				TIP29		
D40D4	S	N	A				TIP29A		
D40D5	S	N	A				TIP29A		
D40D7	S	N	A				TIP29A		
D40D8	S	N	A				TIP29A		
D41D	S	P	A				2N6124		
D41D1	S	P	A				TIP30		
D41D2	S	P	A				TIP30		
D41D4	S	P	A				TIP30A		
D41D5	S	P	A				TIP30A		
D41D7	S	P	A				TIP30A		
D41D8	S	P	A				TIP30A		
D42C	S	N	A				2N6121		
D42C1	S	N	A				TIP31		
D42C2	S	N	A				TIP31		
D42C3	S	N	A				TIP31		
D42C4	S	N	A				TIP31A		
D42C5	S	N	A				TIP31A		
D42C7	S	N	A				TIP31A		
D42C8	S	N	A				TIP31A		
D43C	S	P	A				2N6124		
D43C1	S	P	A				TIP32		
D43C2	S	P	A				TIP32		
D43C3	S	P	A				TIP32		
D43C4	S	P	A				TIP32A		
D43C5	S	P	A				TIP32A		
D43C7	S	P	A				TIP32A		
D43C8	S	P	A				TIP32A		
D44C	S	N	A				2N6121		
D45C	S	P	A				2N6124		
DR100	G	P	A	TS1	TS14				
DR101	G	P	A	TS1					
DR102	G	P	A	TS2	TS14				
DR108	G	P	A	TS1					
DR109	G	P	A	TS1	TS14				
DR110	G	P	A	TS3					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
DR126	G	P	A	TS1	TS14	OC66	2N465		
DR127	G	P	A	TS2	TS14				
DR128	G	P	A	OC65	OC66		2N465		
DR129	G	P	A	TS2	TS14		2N465		
DR130	G	P	A	TS1					
DR131	G	P	A	TS1					
DS25	G	P	A	AF185					
DS26	G	P	A	AC128			2N2431		
DS34	G	P	A	AF178			2N2495		
DS41	G	P	A	AF178			2N2495		
DS44	G	P	A	AC127			2N2430		
DS46	G	P	A	AC126			2N2429		
DT80	G	P	E	CTP1502			2N677C	2N1031B	
DT100	G	P	E	CTP1500			2N677C	2N1031C	
DT1003	S	N	E	BFY44					
DT1111	S	N	E	ZT1479					
DT1112	S	N	E	ZT1480					
DT1121	S	N	E	ZT1481					
DT1122	S	N	E	ZT1482	BDY11				
DT1511	S	N	E	ZT1700					
DT1521	S	N	E	ZT2270					
DT4110	S	N	E	BDY10					
DT4111	S	N	E	ZT1488					
DT4121	S	N	E	ZT1490					
DW6208	S	N	A	BC107B					
DW6577	S	N	A	BC107A					
DW6737	S	N	A	BC107A					
DW7000	S	N	A	BC167					
DW7035	S	N	A	BC167B BC171B	BC113	BC182B			
DW7039	S	N	A	BF110 BF117	BF178	BF156			
DW7050	S	N	A	BF232	BF176				
EN697	S	N	A				2N697		
EN706	S	N	A				2N706		
EN708	S	N	A				2N708		
EN718A	S	N	A				2N718A		
EN722	S	P	A				2N722		
EN744	S	N	A				2N744		
EN870	S	N	A				2N870		
EN871	S	N	A				2N871		
EN914	S	N	A				2N914	FX914	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
EN915	S	N	A				2N915		
EN916	S	N	A				2N916		
EN918	S	N	A				2N918	FX918	
EN930	S	N	A				2N930		
EN956	S	N	A				2N956		
EN1132	S	P	A				2N1132		
EN1613	S	N	A				2N1613		
EN1711	S	N	A				2N1711		
EN2219	S	N	A				2N2219		
EN2222	S	N	A				2N2222	FX2222	
EN2369A	S	N	A				2N2369A	FX2369A	
EN2484	S	N	A				2N2484	FX2484	
EN2894A	S	P	A				2N2494A	FX2494A	
EN2905	S	P	A				2N2905		
EN2907	S	P	A				2N2907	FX2907	
EN3009	S	N	A				2N3009		
EN3011	S	N	A				2N3011		
EN3013	S	N	A				2N3013	FX3013	
EN3014	S	N	A				2N3014	FX3014	
EN3250	S	P	A				2N3250		
EN3502	S	P	A				2N3502	FX3502	
EN3504	S	P	A				2N3504		
EN3903	S	N	A				2N3903	FT3903	
							FX3903		
EN3904	S	N	A				2N3904	FT3904	
							FX3904		
EN3905	S	P	A				2N3905	FT3905	
							FX3905		
EN3906	S	P	A				2N3906	FT3906	
							FX3906		
EN3962	S	P	A				2N3962	FX3962	
EN4123	S	N	A				2N4123		
EN4124	S	N	A				2N4124		
EN4125	S	P	A				2N4125		
EN4126	S	P	A				2N4126		
FT107A	S	N	A				SE4022	FX107A	
FT107B	S	N	A				SE4021	FX107B	
FT107C	S	N	A				SE4020	FX107C	
FT709	S	N	A				2N709		
FT2974	S	N	A				2N2974		
FT2975	S	N	A				2N2975		
FT2978	S	N	A				2N2978		
FT2979	S	N	A				2N2979		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
FT2903	S	N	A				2N3946	FX3903	
FT3904	S	N	A				DN3904 FX3904	2N3947	
FT3905	S	P	A				2N3250	FX3905	
FT3906	S	P	A				DN3906 FX3906	2N3251	
FT3909	S	-	A				2N3909		
FT4017	S	P	A				2N4017		
FT4018	S	P	A				2N4018		
FT4019	S	P	A				2N4019		
FT4020	S	P	A				2N4020		
FT4021	S	P	A				2N4021		
FT4022	S	P	A				2N4022		
FT4023	S	P	A				2N4023		
FT4024	S	P	A				2N4024		
FT4025	S	P	A				2N4025		
FPS A12	S	N	A				MPSA12		
FPS A13	S	N	A				MPSA13		
FPS A14	S	N	A				MPSA14		
FPS A65	S	P	A				MPSA65		
FPS A66	S	P	A				MPSA66		
FPS6507	S	N	A				2N5770 T1S86	2N4275 2N4996	
FPS6511	S	N	A				MPS6511	TIS87	
FPS6512	S	N	A				MPS6512	TIS99	
FPS6513	S	N	A				MPS6513	TIS99	
FPS6514	S	N	A				MPS6514	TIS98	
FPS6515	S	N	A				MPS6515	TIS97	
FPS6516	S	P	A				MPS6516	2N5447	
FPS6517	S	P	A				MPS6517	2N5447	
FPS6518	S	P	A				MPS6518	2N5447	
FPS6519	S	P	A				MPS6519	2N5447	
FPS6520	S	N	A				MPS6520	T1S98	
FPS6521	S	N	A				MPS6521	T1S97	
FPS6522	S	P	A				MPS6522	2N5447	
FPS6523	S	P	A				MPS6523	2N5447	
FPS6530	S	N	A				MPS6530	T1S92	
FPS6531	S	N	A				MPS6531	T1S92	
FPS6532	S	N	A				MPS6532	T1S92	
FPS6533M	S	P	A				MPS6533M	2N3644	
FPS6534M	S	P	A				MPS6534M T1S93	2N3644	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
FPS6535M	S	P	A				MPS6535M	2N3638	
							T1S93		
FPS6539	S	N	A				PE4030B	SE5032	
FPS6540	S	N	A				PE5030B	SE5030B	
FPS6543	S	N	A				PE5030B	SE5030B	
FPS6544	S	N	A				PE5030B	SE5030B	
FPS6546	S	N	A				PE5030B	SE5030B	
FPS6547	S	N	A				PE5030B	SE5030B	
FPS6548	S	N	A				PE5030B	SE5030B	
FPS6560	S	N	A	BC287					
FPS6561	S	N	A				FPS6561		
FPS6562	S	P	A				SE6562		
FPS6563	S	P	A				SE6563		
FPS6565	S	N	A				FPS6566		
FPS6566	S	N	A						
FPS6567	S	N	A				PE5030B	SE5030B	
FPS6568	S	N	A				SE5052		
FPS6569	S	N	A				FPS6570		
FPS6570	S	N	A				FPS6569		
FPS6571	S	N	A				2N5133		
FX107A	S	N	A				FT107A		
FX107B	S	N	A				FT107B		
FX107C	S	N	A				FT107C		
FX709	S	N	A				FT709		
FX914	S	N	A				EN914	2N914	
FX918	S	N	A				EN918	2N918	
FX2368	S	N	A				2N2368	FX2369A	
							2N2369A		
FX2369A	S	N	A				EN2369A	2N2369A	
							2N2369		
FX2483	S	N	A				2N2483	FX2484	
							2N2484		
FX2484	S	N	A				EN2484	2N2484	
FX2894	S	P	A				2N2894		
FX2894A	S	P	A				2N2894A	EN2894A	
FX2907	S	P	A				EN2907		
FX3013	S	N	A				EN3013	2N3013	
							2N3014	EN3014	
FX3014	S	N	A				EN3014	2N3014	
FX3299	S	N	A				2N3299	2N3300	
							FX3300		
FX3300	S	N	A				2N3300	2N3302	
FX3502	S	P	A				EN3502	2N3502	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
FX3503	S	P	A				2N3055 2N3645	2N3503	
FX3724	S	N	A				2N3724	2N4013	
FX3725	S	N	A				2N3725	2N4047	
FX3903	S	N	A				2N3903 FT3903	EN3903	
FX3904	S	N	A				2N3904 FT3904	EN3904	
FX3905	S	P	A				2N3905 FT3905	EN3905	
FX3906	S	P	A				2N3906 FT3906	EN3906	
FX3962	S	P	A				EN3962	2N3962	
FX3963	S	P	A				2N3963		
FX3964	S	P	A				2N3964		
FX3965	S	P	A				2N3965		
FX4034	S	P	A				2N4034	2N4121	
FX4046	S	N	A				2N4046 FX4047	2N4047	
FX4047	S	N	A				2N4047 FX3724	2N4014 2N3724	
FX4207	S	P	A				2N4207		
FX4960	S	N	A				2N4960 2N4962	2N4961 2N4963	
GA004	G	P	E	ASY27					
GA52829	G	P	E	AC126			2N2429		
GET3	G	P	E	AC125	AC126	V10/50A	2N185	2N2429	
GET4	G	P	E	AC125	AC126	NKT228	2N185	2N2429	
GET5	G	P	E	AC125	NKT304	V30/201P			
GET6	G	P	E	NKT226	TS3	V10/50A	2N185		
GET7	G	P	E	V15/30NP					
GET8	G	P	E	V30/30NP					
GET9	G	P	E	NKT401					
GET15	G	P	E	V15/201P					
GET16	G	P	E	V30/201P					
GET20	G	P	E	V30/201P					
GET102	G	P	E	AC126	AC132	AC156	2N2429		
GET103	G	P	E	AC126	AC132	ASY58	2N2429		
GET104	G	P	E	AC126	ASY59	2G303	2N2429		
GET105	G	P	E	NKT304	V60/201P				
GET106	G	P	E	AC126	AC128	AC132	2N2429		
GET110	G	P	E	ASY80	V60/201P	NKT303			
GET111	G	P	E	ACY30	NKT227	2G377			
GET113	G	P	E	AC128	ACY30	2G301			

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
GET114	G	P	E	AC128	ACY30	2G301	2N2431		
GET115	G	P	E	NKT304	NKT351	V15/201P			
GET116	G	P	E	NKT304	V30/201P				
GET120	G	P	E	NKT303	V30/201P				
GET535	G	P	E	NKT228					
GET536	G	P	E	NKT228					
GET538	G	P	E	NKT227					
GET571	G	P	E	NKT404	V15/30NP		2N456		
GET572	G	P	E	NKT404	OC35	XC141	2N456		
GET573	G	P	E	NKT403	V60/30NP		2N457		
GET574	G	P	E	NKT403					
GET581	G	P	E	NKT401					
GET582	G	P	E	NKT403					
GET583	G	P	E	NKT404					
GET584	G	P	E	NKT402					
GET870	G	P	E	AC170					
GET871	G	P	E	OC41	XA151	2G301			
GET872	G	P	E	OC42	XA152	2G302			
GET873	G	P	E	AF127	AF185	OC45			
GET874	G	P	E	AF126	AF185	OC44			
GET875	G	P	E	ASY27	OC43	2G306			
GET880	G	P	E	ASY26	ASY27				
GET883	G	P	E	AF127	AF185				
GET884	G	P	E	AF126					
GET885	G	P	E				2N1309		
GET889	G	P	E	ASY27					
GET891	G	P	E	2G303					
GET892	G	P	E	2G304					
GET896	G	P	E	ASY27					
GET897	G	P	E	NKT142					
GET898	G	P	E	NKT141					
GFT20	G	P	E	AC125	AC151	AC162	2N2429	2N63	2SB220
				AC151IV	AC122r	AC126	2N1190	2N238	2SB459
GFT20R	G	P	E	AC150	AC162	AC172	2N44		2SB32
GFT21	G	P	E	AC126	AC151	AC162	2N66	2N2429	2SB219
				AC151V	AC122g	AC125			
GFT21/15	G	P	E	AC125	OC604				
GFT25	G	P	E	AC122	AC125	AC163	2N36	2N2429	2SB101
				AC151IV	AC122r	AC126	2N1190	2N238	2SB459
GFT25/15	G	P	E	AC125	AC151	AC171			
				AC151IV					
GFT25/30	G	P	E	AC125	AC151	AC171			
				AC151IV					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
GFT26	G	P	E	AD149	OC26				
GFT31	G	P	E	AC126	AC131	AC152	2N44		2SB220
GFT31/15	G	P	E	AC128					
GFT31/60	G	P	E	ACY24	ACZ10	ASY48	2N24A		2SB89
GFT32	G	P	E	AC128	AC132	AC153	2N59	2N2429	2SB222
				AC152IV	AC124R		2N4106		
GFT32/15	G	P	E	AC124	AC128	AC152IV			
GFT32/30	G	P	E	AC124	AC128	AC152IV			
GFT33	G	P	E	AC152V	AC124R	AC128	2N610		2SB32
GFT33/15	G	P	E	AC152V					
GFT33/30	G	P	E	AC152V					
GFT34	G	P	E	AC106	AC124	AC128			
GFT34/15	G	P	E	AC128	AC152	AC153	2N138		2SA219
GFT41	G	P	E	AF106	AF178	AF190	2N2495		2SA230
GFT42A	G	P	E	AF132	AF178	SFT358	2N2495	2N384	2SA116
GFT42B	G	P	E	AF134	AF135	AF185	2N384		2SA116
GFT43	G	P	E	AF125	AC614				
GFT43/15	G	P	E	AC124	AC128	AC152V			
GFT43A	G	P	E	AF136	AF137	AF185	2N310		2SA154
GFT43B	G	P	E	AF136	AF137	AF185	2N370		2SA57
GFT43D	G	P	E	AF126					
GFT44	G	P	E	AF132	AF137	AF185			
GFT44/15	G	P	E	AF126	AF127	AF185	2N137		HJ23D
GFT45	G	P	E	AF132	AF137	AF185	2N136		2SA206
GFT2006	G	P	E	OC16	AD149		T1156	2N456	2SB471
GFT2006/30	G	P	E	AD130III	AD149	OC30	2N68	2N2836	2SB240
GFT3008/20	G	P	E	AD130III	AD149	OC30	2N2836		2SB86
GFT3008/40	G	P	E	AD139	AD148	AD149	2N2836		2SB86
				AD131III	AD138/50		T13029		2SB471
GFT3008/60	G	P	E	AD131	AD139	AD148			2SB86
				AD131III					
GFT3008/80	G	P	E	AD132III	CTP1111				2SB86
GFT3108/20	G	P	E	AD132III					
GFT3108/40	G	P	E	AD130III	AD149	AD132IV	2N2065		2SB472
				ASZ15					
GFT3108/60	G	P	E	AD131III	AD139				
GFT3108/80	G	P	E	AD132II					
GFT3408/20	G	P	E	AD130IV	AD149	OC26	2N2836		
				AD130V					
GFT3408/40	G	P	E	AD130V	AD149	OC26	2N2836	2N1295	2SB83
				AD131IV	AD138/50	AD131V	T13029	2N2065	
GFT3408/60	G	P	E	AD105	AD131IV	ASZ18	2N268		
				AD131V					
GFT3408/80	G	P	E	AD132IV					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
GFT3708/20	G	P	E	AD130V					
GFT3708/40	G	P	E	AD131V	ASZ16	AD138/50	T13029	2N2066	
GFT3708/60	G	P	E	AD131V					
GFT3708/80	G	P	E	AD132IV					
GFT4012	G	P	E	OC26					
GFT4012/15	G	P	E	AD131	AD149	OC26	2N1295		2SB83
GFT4012/30	G	P	E	AD130III	AD149	OC26	2N1295 TI3029	2N2836 2N2063	2SB83
GFT4012/60	G	P	E	AD131III AD131V	OC60V	SFT240	2N268		2SB86
GFT4112/30	G	P	E	AD131III					
GFT4112/60	G	P	E	AD131III					
GFT4308/40	G	P	E	AD130IV	AD149IV	AD149	T13029	2N257	
GFT4308/60	G	P	E	AD131IV					
GFT4308/80	G	P	E	AD132IV					
GFT4412/30	G	P	E	AD130IV	AD149IV	AD149	T13029	2N257	
GFT4412/60	G	P	E	AD131IV					
GFT4608/60	G	P	E	AD131V	AD138/50		T13029	2N2066	
GFT4712/30	G	P	E	AD130V					
GFT4712/60	G	P	E	AD131V	AD138/50		T13029	2N2066	
GFT8024	G	P	E	AD149	CTP1514	OC26	2N2836		
GM0290	G	P	E	AF139			2N2244 MM139	2N5043	M9031
GM0290A	G	P	E	AF139			2N2244 MM139	2N5043	M9031
GM0760	G	P	E	AF109 AF190	AF106	AF180			2SA432
GM0761	G	P	E	AF106	AF190				2SA230
GT3	G	P	E	AC125	AC126		2N2429		
GT4A	G	P	E	AC128	AC132		2N2431		
GT11	G	P	E	AF127	AF185	OC45			
GT12	G	P	E	AF127	AF185	OC45			
GT13	G	P	E	AF126	AF185	OC44			
GT14	G	P	E	AC128	ASY77	OC72	2N2431		
GT144	G	P	E	OC58	OC66				
GT20	G	P	E	AC128	AC132	OC72	2N2431		
GT20H	G	P	E	OC58	OC66				
GT31	G	P	E	AC125	AC126		2N2429		
GT32	G	P	E	AC128	AC132		2N2431		
GT33	G	P	E	AC128	AC132		2N2431		
GT34	G	P	E	AC125	AC126		2N2429		
GT34HV	G	P	E	ASY77	OC77				
GT34S	G	P	E	AC125					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
GT38	G	P	E	AC125	AC126	OC71	2N2429		
GT41	G	P	E	AF185	ASY27				
GT42	G	P	E	AF185	ASY27				
GT43	G	P	E	AF185	ASY27				
GT45	G	P	E	ASY26	ASY27				
GT70	G	P	E	ASY26					
GT74	G	P	E	AC126			2N2429		
GT81	G	P	E	AC126	AC128	OC72	2N2429	2N2431	
GT81H	G	P	E	AC126	OC58	OC66	2N2429		
GT81HS	G	P	E	AC126			2N2429		
GT81R	G	P	E	AC128	AC132		2N2431		
GT83	G	P	E	AC125	AC126		2N2429		
GT87	G	P	E	AC125	AC126		2N2429		
GT88	G	P	E	ASY26					
GT109	G	P	E	AC128	OC72		2N2431		
GT109R	G	P	E	AC128	AC132		2N2431		
GT122	G	P	E	AC126	OC76		2N2429		
GT161	G	P	E	AF126	AF185				
GT222	G	P	E	AC125	AC126	OC71	2N2429		
GT310	G	P	E	AC128			2N2431		
GT759	G	P	E	AF127	OC45				
GT760	G	P	E	AF127	AF185	OC45			
GT760R	G	P	E	AF127	AF185	OC45			
GT761	G	P	E	AF126	AF127	AF185			
GT761R	G	P	E	AF126	AF185	OC44			
GT762	G	P	E	AF185	OC44				
GT949	G	P	E	AC125	AF126				
H2	G	P	A	AD149			2N2836		
H3	G	P	A	AD149			2N2836		
H4	G	P	A	AD149			2N2836		
H8DEF	G	P	A	AF185					
HA1	G	P	E	AC126	OC66	OC71	2N2429		
HA2	G	P	E	AC126	OC66	OC71	2N2429		
HA3	G	P	E	AC126	OC66	OC71	2N2429		
HA8	G	P	E	OC66 OC60	OC58	OC59			
HA9	G	P	E	OC66 OC60	OC58	OC59			
HA10	G	P	E	OC66 OC60	OC58	OC59			
HC1	G	P	E	AC126			2N2429		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
HD197	G	P	E	AC128			2N2431		
HF1	G	P	E	AF185					
HF2	G	P	E	AF185					
HJ15	G	P	J	AC126	AC117	AC153	2N362	2N2429	
HJ17	G	P	J	AC128			2N2431		
HJ17D	G	P	J	AC124	AC128	AC153	2N632	2N2431	
HJ22	G	P	J	AF185					
HJ22D	G	P	J	AF131	AF137	AF185	2N482	2N483	
HJ23	G	P	J	AF126	AF136	AF185	2N140	2N412	
HJ23D	G	P	J	AF126	AF127	AF185	2N411	2N485	
HJ32	G	P	J	AF131	AF135	AF136	2N370		
HJ34	G	P	J	AC128			2N2431		
HJ34A	G	P	J	AC128			2N2431		
HJ35	G	P	J	ASZ16					
HJ37	G	P	J	AF126	AF132	AF137	2N371		
HJ50	G	P	J	AC122	AC126	AC163	2N215	2N2429	
HJ51	G	P	J	AC128	AC153	AC180	2N408	2N2431	
HJ54	G	P	J				2N139		
HJ55	G	P	J	AF132	AF136	AF185	2N219		
HJ56	G	P	J	AF133	AF137	AF185	2N410		
HJ57	G	P	J	AF132	AF136	AF185	2N412		
HJ60	G	P	J	AF132	AF136	AF185	2N139		
HJ61	G	P	J	AF127	AF133	AF137	2N219		
HJ62	G	P	J	AC125	AF185				
HJ70	G	P	J	AF132	AF135	AF185			
HJ71	G	P	J	AF132	AF137	AF185	2N140	2N371	
HJ72	G	P	J	AF132	AF137	AF185	2N140	2N372	
HJ73	G	P	J	AF132	AF137	AF185	2N373		
HJ74	G	P	J	AF132	AF136	AF137	2N374		
HJ75	G	P	J	AF132	AF137	AF185	2N544		
HS3	G	P	J	ASY27	OC47				
HS4	G	P	J	ASY27	OC47				
HS15	G	P	J				2N109		
HS17D	G	P	J				2N109		
HS22D	G	P	J				2N139		
HS23D	G	P	J				2N140		
IF1	G	P	A	AF185					
IF2	G	P	A	AF185					
IF3	G	P	A	AF185					
IW8377	S	N	E	BFX62	BF180	BF155			
J1	G	P	A	OC72					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
J2	G	P	A	OC72					
J3	G	P	A	OC72					
JP1	G	P	A	AC128	OC72		2N2431		
M10H	G	P	A	AF178			2N2495		
M10L	G	N	A	AC176			2N2495		
M12H	G	P	A	AF178					
MA100	G	P	A				MA881		
MA112	G	P	A				MA113		
MA113	G	P	A				MA114		
MA114	G	P	A				MA883		
MA115	G	P	A				MA113		
MA116	G	P	A				MA114		
MA117	G	P	A				MA116		
MA200	G	P	A				MA202		
MA201	G	P	A				MA201		
MA202	G	P	A				MA200		
MA203	G	P	A				MA203		
MA204	G	P	A				MA201	MA203	
MA205	G	P	A				MA204		
MA206	G	P	A				MA205		
MA286	G	P	A				MA287		
MA287	G	P	A				MA117		
MA288	G	P	A				MA884		
MA881	G	P	A				MA882		
MA882	G	P	A				MA883		
MA883	G	P	A				MA884		
MA884	G	P	A				MA889		
MA885	G	P	A				MA881	MA886	
MA886	G	P	A				MA887		
MA887	G	P	A				MA888		
MA888	G	P	A				MA889		
MA889	G	P	A				MA884		
MA909	G	P	A				MA910		
MA910	G	P	A						
MA1702	G	P	A						
MA1703	G	P	A				MA1704		
MA1704	G	P	A				MA1705		
MA1705	G	P	A						
MA1706	G	P	A				MA1707		
MA1707	G	P	A				MA1708		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
MA1708									
MC101	G	P	A	AF185					
ME0411	S	P	A	BC307VI					
ME0412	S	P	A	BC307A					
MFT122	G	P	A	AC128			2N2431		
MFT123	G	P	A	AC128			2N2431		
MHT5501	S	N	A				2N4300		
MHT5502	S	N	A				2N4300		
MHT5503	S	N	A				2N4300		
MHT5504	S	N	A				2N4300		
MHT5505	S	N	A				2N4300		
MHT5506	S	N	A				2N4300		
MHT5507	S	N	A				2N4300		
MHT5508	S	N	A				2N4300		
MHT6408	S	N	A				2N3996		
MHT6409	S	N	A				2N3996		
MHT6410	S	N	A				2N3996		
MHT6411	S	N	A				2N3996		
MHT6412	S	N	A				2N3996		
MHT6413	S	N	A				2N3996		
MHT6414	S	N	A				2N3996		
MHT6415	S	N	A				2N3996		
MHT6416	S	N	A				2N3996		
MHT7011	S	N	A				2N4301		
MHT7012	S	N	A				2N4301		
MHT7013	S	N	A				2N4301		
MHT7014	S	N	A				2N4301		
MHT7015	S	N	A				2N4301		
MHT7016	S	N	A				2N4301		
MHT7017	S	N	A				2N4301		
MHT7018	S	N	A				2N4301		
MHT7019	S	N	A				2N4301		
MHT7401	S	N	A				2N3421		
MHT7402	S	N	A				2N3421		
MHT7403	S	N	A				2N3421		
MHT7404	S	N	A				2N3421		
MHT7405	S	N	A				2N3421		
MHT7406	S	N	A				2N3421		
MHT7407	S	N	A				2N3421		
MHT7408	S	N	A				2N3421		
MHT7409	S	N	A				2N3421		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
MHT7410	S	N	A				2N3421		
MHT7411	S	N	A				2N3421		
MHT7412	S	N	A				2N3421		
MHT7413	S	N	A				2N3421		
MHT7414	S	N	A				2N3421		
MHT7415	S	N	A				2N3421		
MHT7416	S	N	A				2N3421		
MHT7417	S	N	A				2N3421		
MHT7418	S	N	A				2N3421		
MHT7419	S	N	A				2N3421		
MHT7801	S	N	A				2N5387		
MHT7802	S	N	A				2N5387		
MHT7803	S	N	A				2N5387		
MHT7804	S	N	A				2N5387		
MHT7805	S	N	A				2N5387		
MHT7806	S	N	A				2N5387		
MHT7807	S	N	A				2N5387		
MHT7808	S	N	A				2N5387		
MHT7809	S	N	A				2N5387		
MHT8002	S	N	A				2N4002		
MHT8004	S	N	A				2N4002		
MHT9001	S	N	A				2N4002		
MHT9002	S	N	A				2N4002		
MHT9003	S	N	A				2N4002		
MHT9004	S	N	A				2N4002		
MHT9005	S	N	A				2N4002		
MHT9006	S	N	A				2N4002		
MHT9007	S	N	A				2N4002		
MHT9008	S	N	A				2N4002		
MHT9009	S	N	A				2N4002		
MHT9010	S	N	A				2N4002		
MHT9011	S	N	A				2N4002		
MHT9012	S	N	A				2N4002		
MJ423	S	N	A	BDY96					
MJ431	S	N	A	BDY96					
MJ450	S	P	A				2N4398		
MJ480	S	N	A				2N4913		
MJ481	S	N	A				2N4914		
MJ490	S	P	A				2N4904		
MJ491	S	P	A				2N4905		
MJ1800	S	N	A	BDY98					
MJ2249	S	N	A				MJ2250		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
MJ2250	S	N	A						
MJ2251	S	N	A				MJ2252		
MJ2252	S	N	A						
MJ2253	S	N	A				MJ2254		
MJ2254	S	N	A						
MJ2255	S	N	A				2N3713		
MJ2257	S	N	A				2N3714		
MJ2267	S	P	A				2N4901		
MJ2268	S	P	A				2N4902		
MJ2801	S	N	A				2N3713		
MJ2802	S	N	A				2N3714		
MJ2901	S	P	A				2N4901		
MJ3010	S	N	A				MJ3011		
MJ3011	S	N	A						
MJ3029	S	N	A	BDY95					
MJ3101	S	N	A						
MJ3201	S	N	A						
MJ3202	S	N	A						
MJE101	S	P	A	BD132			TIP34		
MJE102	S	P	A				TIP34A		
MJE103	S	P	A				TIP34		
MJE104	S	P	A				TIP34A		
MJE105	S	P	A	BD132			TIP34A		
MJE201	S	N	A	BD131			TIP33		
JE202	S	N	A				TIP33A		
JE203	S	N	A				TIP33		
JE204	S	N	A				TIP33A		
JE205	S	N	A	BD131			TIP33		
JE305	S	N	A	AM291	BDX10		2N3055		
JE340	S	N	A	BD144					
JE370	S	P	A				TIP32 SDA445	2N6124	
JE371	S	P	A				TIP32 SDA445	2N6124	
JE520	S	N	A				TIP31 SDA345	2N6121	
JE521	S	N	A				TIP31 SDA345	2N6121	
JE2801	S	N	A				TIP33A		
JE2901	S	P	A				TIP34		
JE2955	S	P	A				TIP34		
JE3055	S	N	A	AM291	BDX10		2N3055	TIP33A	
MR6/1	G	P	A	AC126			2N2429		
MR6/2	G	P	A	AF178			2N2495		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
MMR6/3	G	P	A	AF185					
MMR6/11	G	P	A	AC128			2N2431		
MMR6/12	G	P	A	AD149			2N2836		
MN24	G	P	A	AD149	OC16		2N2836		
MN25	G	P	A	AD149	OC16		2N2836		
MN26	G	P	A	AD149	OC16		2N2836		
MP500	G	P	A				MP504		
MP501	G	P	A				MP505		
MP502	G	P	A				MP506		
MP504	G	P	A				MP500		
MP505	G	P	A				MP501		
MP506	G	P	A				MP506		
MP525	G	P	A						
MP939	G	P	A	AU105	AU103				
MP1612	G	P	A				MP1612A		
MP1612A	G	P	A				MP1612B		
MP1612B	G	P	A						
MP1613	G	P	A						
MP2060	G	P	A				MP2061		
MP2061	G	P	A				MP2062		
MP2062	G	P	A				MP2063		
MP2063									
MPS292	S	N	A	BC238B					
MPS370	S	N	A	BC238					
MPS404	S								
MPS404A	S								
MPS653	S	N	A	BC237A					
MPS706	S	N	A				2N5772	2N4270	
MPS706A	S	N	A				2N5772	2N4275	
MPS834	S	N	A				2N5772	2N4275	
MPS918	S	N	A				TIS62 EN918	2N5770	
MPS2369	S	N	A				2N5770	2N4275	
MPS2711	S	N	A				2N2711 2N3691	2N5135	
MPS2712	S	N	A				2N2712 2N3692	2N5135	
MPS2713	S	N	A				2N2713 2N4275	2N5135	
MPS2714	S	N	A				2N2714 2N4275	2N5135	
MPS2715	S	N	A				MPS2711 2N3691	2N5135	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
MPS2716	S	N	A				MPS2712 2N3692	2N5135	
MPS2894	S	P	A						
MPS2923	S	N	A				TIS99 2N5135	2N2923	
MPS2924	S	N	A				TIS98 2N5135	2N2924	
MPS2925	S	N	A				TIS98	2N3565	
MPS2926	S	N	A				2N3691	2N3692	
MPS3392	S	N	A				2N3392 EN4124	SE6002	
MPS3393	S	N	A				2N3393 SE1001	SE6002	
MPS3394	S	N	A				2N4123	EN4123	
MPS3395	S	N	A				2N3395	SE6002	
MPS3396	S	N	A						
MPS3397	S	N	A				MPS3396		
MPS3398	S	N	A						
MPS3563	S	N	A				TIS62	2N3563	
MPS3638	S	P	A				2N5354 2N5356	2N3638 2N5448	
MPS3638A	S	P	A				2N5355 2N5447	2N3638A	
MPS3639	S	P	A				2N3639		
MPS3640	S	P	A				2N3640		
MPS3646	S	N	A				2N3646		
MPS3693	S	N	A				2N3826 EN3903	2N3903 2N3693	
MPS3694	S	N	A				2N3827 EN3904	2N3904 2N3694	
MPS3702	S	P	A				EN3638A		
MPS3703	S	P	A				2N3638		
MPS3704	S	N	A				2N3704	2N3566	
MPS3705	S	N	A				2N3705 SE6001	2N3566	
MPS3706	S	N	A				2N3706	2N3566	
MPS3707	S	N	A				2N3707 SE4124	SE4010	
MPS3708	S	N	A				2N3708 EN4124	EN4123	
MPS3709	S	N	A				2N3709	EN4123	
MPS3710	S	N	A				2N3710	EN4124	
MPS3711	S	N	A				2N3711 2N3565	EN3904	
MPS3721	S	N	A				2N3721 2N3692	2N5135	
MPS5172	S	N	A				2N2124		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
MPS5551M	S								
MPS6506	S	N	A				TIS86	2N4996	
MPS6507	S	N	A				TIS86 2N5770	2N4996 SE3002	
MPS6508	S	N	A				TIS86	2N4996	
MPS6509	S	N	A				TIS84		
MPS6510	S	N	A				TIS84		
MPS6511	S	N	A				TIS87 FPS6511	SE3005	
MPS6512	S	N	A				TIS99 2N4124	2N4123 FPS6512	
MPS6513	S	N	A				TIS99 FPS6513	EN4124	
MPS6514	S	N	A	BC207			TIS98	FPS6514	
MPS6515	S	N	A	BC207	BC209		TIS97	FPS6515	
MPS6516	S	P	A				2N5447 FPS6516	EN3905	
MPS6517	S	P	A				2N5447 FPS6517	EN3905	
MPS6518	S	P	A				2N5447 FPS6518	EN3906	
MPS6519	S	P	A				2N5447 FPS6519	EN4126	
MPS6520	S	N	A				TIS98 FPS6520	SE4020	
MPS6521	S	N	A				TIS97 FPS6521	SE4020	
MPS6522	S	P	A				2N5447 FPS6522	EN4126	
MPS6523	S	P	A				2N5447 FPS6523	EN4126	
MPS6528	S	N	A				TIS84		
MPS6529	S	N	A				TIS108		
MPS6530	S	N	A				TIS92 FPS6530	2N4944	
MPS6531	S	N	A				TIS92 FPS6531	2N4946	
MPS6532	S	N	A	BC237A			TIS92 FPS6532	2N3566	
MPS6533	S	P	A	BC177IV			TIS93 2N3644	MPS6533M	
MPS6533M	S	P	A				FPS6533M		
MPS6534	S	P	A	BC177A			TIS93 2N3644	MPS6534M	
MPS6534M	S	P	A				FPS6534M		
MPS6535	S	P	A	BC177IV			TIS93	MPS6535M	
MPS6535M	S	P	A				FPS6535M		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
MPS6539	S	N	A				PE4030B 2N3690	SE5032 FPS6539	
MPS6540	S	N	A				PE5030B FPS6540	SE5030B	
MPS6541	S	N	A				TIS86	2N4996	
MPS6542	S	N	A				TIS62 SE5030B	PE5030B	
MPS6543	S	N	A				TIS86 SE5030B	PE5030B FPS6543	
MPS6544	S	N	A				TIS87 SE5030B	PE5030B FPS6544	
MPS6545	S	N	A				TIS87 SE5030B	PE5030B	
MPS6546	S	N	A				TIS86 SE5030B	PE5030B FPS6546	
MPS6547	S	N	A				TIS86 SE5030B	PE5030B FPS6547	
MPS6548	S	N	A				PE5030B FPS6548	SE5030B	
MPS6552	S	N	A				TIS98		
MPS6553	S	N	A				TIS97		
MPS6554	S	N	A				TIS97		
MPS6555	S	N	A				TIS97		
MPS6560	S	N	A				TIS92 FPS6560	SE6560	
MPS6561	S	N	A				TIS92 FPS6561	SE6561	
MPS6562	S	P	A				TIS93 FPS6562	SE6562	
MPS6563	S	P	A				TIS93 FPS6563	SE6563	
MPS6564	S	N	A				2N4994		
MPS6565	S	N	A				TIS99 FPS6565	EN3903	
MPS6566	S	N	A				TIS98 FPS6566	EN3904	
MPS6567	S	N	A				TIS86 SE5030B	PE5030B FPS6567	
MPS6568	S	N	A				FPS6568		
MPS6569	S	N	A				FPS6569		
MPS6570	S	N	A				FPS6570		
MPS6571	S	N	A				SE4020	FPS6571	
MPS6579	S	P	A				TIS37		
MPS6590	S	N	A				MPSA06		
MPS6591	S	N	A				MPSA05		
MPSA05	S	N	A				2N3404 2N3416	2N5856 2N6010	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
MPSA06	S	N	A				2N3405 2N3417	2N5856 2N6012	
MPSA09	S	N	A				2N5209	SE4020	
MPSA10	S	N	A				MPSA20 2N3693	2N3903	
MPSA12	S	N	A				FPSA12		
MPSA13	S	N	A				FPSA13		
MPSA14	S	N	A				FPSA14		
MPSA20	S	N	A				2N3903		
MPSA55	S	P	A				2N6011 2N6015	2N5857 2N6017	
MPSA56	S	P	A				2N5857	2N3645	
MPSA65	S	P	A				FPSA65		
MPSA66	S	P	A				MPSA65	FPSA66	
MPSA70	S	P	A				2N3905		
MPSH02									
MPSH10	S	N	A				2N5770 SE3005	SE3002	
MPSH11	S	N	A				2N5770 SE3005	SE3002	
MPSH32	S	N	A				PE5010	SE5056	
MPSH37	S	N	A				PE5030B	SE5030B	
MPSL01	S	N	A				2N5831		
MPSL07	S	P	A				2N5771		
MPSL08	S	P	A				2N5771		
MPSL51	S	P	A				2N4889		
MPSU05	S	N	A	BD137					
MPSU06	S	N	A	BD139					
MTC70	G	P	A	AC128			2N2431		
MTC71	G	P	A	AC126			2N2429		
MTC72	G	P	A	AC128			2N2431		
MTC76	G	P	A	AC128			2N2431		
NKT52	G	P	E	NKT72					
NKT53	G	P	E	NKT73					
NKT54	G	P	E	NKT73					
NKT62	G	P	E	NKT72					
NKT63	G	P	E	NKT73					
NKT64	G	P	E	NKT73					
NKT74	G	P	E	NKT73					
NKT122	G	P	E	2GT102					
NKT123	G	P	E	2GT102					
NKT124	G	P	E				2N1309		
NKT125	G	P	E	2GT102			2N1305		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
NKT126	G	P	E	2GT102					
NKT127	G	P	E				2N1309		
NKT128	G	P	E	2GT102			2N1305		
NKT129	G	P	E	2GT102					
NKT132	G	P	E	AF185					
NKT133	G	P	E	AF185					
NKT142	G	P	E	2GT102					
NKT143	G	P	E	2GT102					
NKT152	G	P	E	NKT162					
NKT152C	G	P	E	NKT162					
NKT153	G	P	E	NKT163					
NKT153/25	G	P	E	NKT163					
NKT153/25B	G	P	E	NKT163					
NKT153/25C	G	P	E	NKT163					
NKT153A	G	P	E	NKT163					
NKT153B	G	P	E	NKT163					
NKT154	G	P	E	NKT164					
NKT154A	G	P	E	NKT164					
NKT154B	G	P	E	NKT164					
NKT154R	G	P	E	NKT164					
NKT154/25	G	P	E	NKT164					
NKT154/25B	G	P	E	NKT164					
NKT154/25C	G	P	E	NKT164					
NKT162	G	P	E	2GT102					
NKT163/25	G	P	E	NKT163					
NKT163/25B	G	P	E	NKT163					
NKT163Z/25	G	P	E	NKT163					
NKT164/25	G	P	E	NKT164					
NKT164/25B	G	P	E	NKT164					
NKT164Z/25	G	P	E	NKT164					
NKT172	G	P	E	NKT162					
NKT173	G	P	E	NKT163	2G371				
NKT174	G	P	E	NKT164					
NKT182	G	P	E	NKT162					
NKT183	G	P	E	NKT163					
NKT184	G	P	E	NKT164					
NKT202	G	P	E	AC126			2N2429		
NKT203	G	P	E	AC126			2N2429		
NKT204	G	P	E	AC126			2N2429		
NKT205	G	P	E	AC126			2N2429		
NKT206	G	P	E	AC126			2N2429		
NKT208	G	P	E	AC128			2N2431		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
NKT212	G	P	E	2G303					
NKT213	G	P	E	2G374					
NKT214	G	P	E	2G371					
NKT215	G	P	E	2G371					
NKT216	G	P	E	2G374					
NKT217	G	P	E	2G377					
NKT222	G	P	E	2GT182					
NKT223	G	P	E	AC156					
NKT250	G	P	E	NKT274					
NKT251	G	P	E	AC128	NKT271		2N2431		
NKT251A	G	P	E	NKT271			2N2429		
NKT252	G	P	E	AC126	NKT274				
NKT252A	G	P	E	NKT274					
NKT253	G	P	E	NKT271					
NKT254	G	P	E	NKT274					
NKT254A	G	P	E	NKT274					
NKT255	G	P	E	NKT275					
NKT255A	G	P	E	NKT275					
NKT255E	G	P	E	NKT275					
NKT255J	G	P	E	NKT275					
NKT258	G	P	E	NKT274					
NKT260	G	P	E	NKT274					
NKT261	G	P	E	NKT271					
NKT261A	G	P	E	NKT271					
NKT262	G	P	E	NKT274					
NKT262A	G	P	E	NKT274					
NKT263	G	P	E	NKT271					
NKT264	G	P	E	NKT274					
NKT265	G	P	E	NKT275					
NKT265A	G	P	E	NKT275					
NKT265E	G	P	E	NKT275					
NKT265J	G	P	E	NKT275					
NKT268	G	P	E	NKT274					
NKT270	G	P	E	NKT274					
NKT271	G	P	E	AC154	2G302				
NKT271A	G	P	E	NKT271					
NKT272	G	P	E	AC113	NKT274				
NKT272A	G	P	E	NKT274					
NKT273	G	P	E	NKT271					
NKT277	G	P	E	NKT271					
NKT278	G	P	E	NKT274					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
NKT403	G	P	E	AD140					
NKT450	G	P	E	NKT452					
NKT453	G	P	E	NKT452					
NKT713	G	N	E	AC157					
NKT751	G	N	E	NKT773					
OC13	G	P	E	AC126	AC125	OC71	2N2429		
OC14	G	P	E	OC4	OC72				
OC16	G	P	E	AD149	AD130III	AD162	2N2836	2N2063	2SB83
				OC26			TI3029	2N1314	
OC22	G	P	E	AUY19V	AD149	AD148IV	2N157A	2N301A	2SB338
				OD603	SFT213				2SB42
OC23	G	P	E	AUY19V	AD149	AD148	2N157A		2SB338
				OD603	GFT4012				
OC24	G	P	E	AUY19V	AD149	AD148V	2N157A		2SB338
				CTP1111					
OC25	G	P	E	AD149			2N2836		
OC26	G	P	E	AD149	AD150IV	AD150	2N2836	TI156	2SB83
				AD153			2N456	2N1314	
OC27	G	P	E	AD149	V30/30P		2N353	2N1315	
OC28	G	P	E	AUY22II	AUY22III	AUY28	2N174	2N456	2SB341
				ASZ15	AD148				2SB424
OC29	G	P	E	AUY21III	AD138/50	ASZ16	2N174	2N457	2SB341
				AD150	AUY31				2SB425
OC30	G	P	E	AD139	AD149	AD155	2N141		2SB86
				AD152	AD162	AD148			
OC30A	G	P	E	AD148	AD152	AD148IV			
				AD148V					
OC30B	G	P	E						
OC32	G	P	E	OC57	OC58	OC65			
OC33	G	P	E	AC125	AC126	OC65	2N2429		
OC34	G	P	E	AC126	AC125	OC66	2N2429		
OC35	G	P	E	AUY21III	AD138/50	ASZ17	2N352		2SB339
				AUY31	SFT214				2SB425
OC36	G	P	E	AUY22II	AUY28	ASZ18	2N174	2N157A	2SB341
				AD132					2SB424
OC37	G	P	E	ASY76	OC76				
OC38	G	P	E	AC126	AC128	AC132	2N2429		
OC41	G	P	E	ASY26	ASY27				
OC42	G	P	E	ASY26	ASY27	AC125			
OC43	G	P	E	ASY27					
OC44	G	P	E	AF185	ASY27	AFY15	2N36		2SB101
				AF126	AF132	AF188			2SB44
OC45	G	P	E	AF185	ASY27	AFY15	2N36	2N218	2SB101
				AF126	AF133	AF187			2SB45

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
OC46	G	P	E	ASY46 AF133	ASY26 SFT226	ASY27	2N269		2SA212 2S40
OC47	G	P	E	ASY47 SFT227	ASY27	AF188	2N269		2SA217 2S40
OC57	G	P	E	OC58 AC125	AC151 AC129r	AC122ge OC330	2N1190	2N106	2SB47 2SB168
OC58	G	P	E	AC151 OC341	AC122v OC624g	AC129	2N106		2SB168
OC59	G	P	E	AC151 AF129b	AC122sw OC342	AC129	2N106		2SB168
OC60	G	P	E	AC151V AC129	AC122g AF129b	AC125 OC342	2N108		2SB169
OC65	G	P	E	OC57 OC622	AC125	OC330			ST301
OC66	G	P	E	AC126 OC624	OC58	OC340	2N2429		ST302
OC70	G	P	E	AC126 AC125	AC151IV AC163	AC122	2N2429	2N279	2SB75
OC71	G	P	E	AC126 AC122	AC151IV AC163	AC151V OC304I	2N2429	2N280	2SB77
OC71N	G	P	E	AC126			2N2429		
OC72	G	P	E	AC128 AC153	AC151IV AC131	AC151V AC132	2N2431	2N282	2SB89
OC73	G	P	E	AC151IV OC75	AC126	GFT34			
OC74	G	P	E	AC128 AC124	AC151V OC318	AC117 AC153	2N2431	2N1501	2SB156
OC74N	G	P	E	AC121V	AC121VI				
OC75	G	P	E	AC126 AC116	AC151VI AC131	AC151V OC304III	2N2429	2N466	2SB89
OC75N	G	P	E	AC151VI					
OC76	G	P	E	AC151IV ASY76	ASY48IV AC125	AC131 AC152	2N284	2N394	2SB89
OC77	G	P	E	ASY48IV ACY24	ASY77 ASY81	AC128	2N24A	2N284A	2SB89
OC77N	G	P	E	ASY48IV					
OC78	G	P	E	AC128					
OC79	G	P	E	AC128 AC124	AC152V AC125	AC152VI AC151V	2N2431	2N223	2SB156
OC80	G	P	E	AC152VI ASY80	AC121VI AC124	AC126 AC128			2SB156
OC80A	G	P	E	AC152VI	AC152VII				
OC81	G	P	E	AC153	AC117R	AC128			
OC82	G	P	E	AC128					
OC83	G	P	E	AC152V AC124K	AC131	AC128			
OC84	G	P	E	AC153V AC124K	AC131	AC128	2N4106	2N467	2SB222

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
OC110	G	P	E	AC126	AC125		2N2429		
OC120	G	P	E	AC126	AC125		2N2429		
OC122	G	P	E	AC153V AC124K	ASY80 AC152V	AC180	2N4106	2N467	2SB222
OC123	G	P	E	ASY48V ASY81	ASY24 ASY48	ASY77	2N241		
OC130	G	P	E	AC126	AC125		2N2429		
OC139	G	N	E	AC127 AF188	ASY73 SFT259	AF180	2N1090		2SC89 2SC90
OC140	G	N	E	AC127 SFT260	ASY29	ASY74	2N1091	2N1306	2SC90
OC141	G	N	E	AC127	ASY75	SFT261	2N1091	2N1308	2SC91
OC169	G	P	E	AF126 AF137	AF127	AF185			
OC170	G	P	E	AF126 AF124	AF136 AF125	AF185 AF133	2N370	2N1110	2SC234
OC171	G	P	E	AF124 AF134	AF125 AF136	AF178	2N2495		
OC171M	G	P	E	AF124 AF131	AF134 AF135	AF125	2N299		2SC135
OC171V	G	P	E	AF124 AF114	AF134 AF130	BF342 AF135	2N4035 2N384	2N346	2SA235 2SC135
OC200	S	P	E	BC177V BC212	BC308VI BC204	BC261 BCZ10	MPS6517	2N328	2SA565
OC201	S	P	E	BC177V BC213	BC308VI BC205	BC261 BC262	MPS6517		2SA565
OC202	G	P	E	ASY26	ASY27	BCZ11	2N799		2SA155
OC203	S	P	E	BCZ12					
OC204	S	P	E	BCY10					
OC205	S	P	E	BCY11	BCY12				
OC206	S	P	E	BCY12					
OC300	G	P	E	AC128	AC153				
OC302	G		E	AC126	AC128	AC153	2N2429		
OC303	G	P	E	AC151IV AC132	AC122 AC163	AC125	2N266		2SB75 2SB219
OC304	G	P	E	AC132	OC71	OC604			
OC304I	G	P	E	AC151IV AC132	AC122 AC163	AC125	2N220		2SB77 2S39
OC304II	G	P	E	AC151V AC163	AC125	AC123	2N238		2SB77A 2SB101
OC304III	G	P	E	AC151V AC128	AC151VI AC163	AC125	2N266		2SB77B 2SB219
OC305	G	P	E	GFT22/15	SFT353BA				
OC305N	G	P	E	AC125					
OC305I	G	P	E	AC151VII AC128	AC126 AC151VI	AC122			2SB77

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
OC305II	G	P	E	AC151VII	AC125R	AC126			2SB77A
OC306	G	P	E	AC125	AC150	AC151			
OC306I	G	P	E	AC151rIV AC162	AC150	AC125R	2N191		2SB73 2SB220
OC306II	G	P	E	AC151rV AC162	AC125R	AC151	2N191		2SB73A 2SB220
OC306III	G	P	E	AC151rV AC128	AC151VI AC150	AC125R	2N191		2SB73B 2SB220
OC307	G	P	E	ASY76	AC131	AC151IV	2N44		2SB37
OC307I	G	P	E	AC152IV	ASY76	AC132			
OC307II	G	P	E	AC152IV	ASY76	AC132			
OC307III	G	P	E	AC152V SFT323	ASY80	AC132			
OC308	G	P	E	AC151V AC132	AC131 AC152	ASY76 AC153	2N280		2SB156, 2SB33
OC309	G	P	E	ASY48IV ASZ10	ACY24	ASY77			
OC309I	G	P	E	ASY48IV ACY24K	ASY77	AC128	2N1924		
OC309II	G	P	E	ASY48IV ACY24K	ASY77	AC128	2N1925		
OC309III	G	P	E	ASY48V	ASY80	AC128	2N1926		
OC318	G	P	E	AC128 AC120	AC121IV	AC121V	2N2431	2N227	2SB226
OC320	G	P	E	OC58	OC57	OC66			
OC330	G	P	E	OC58	OC65	OC622			
OC331	G	P	E	OC58	AC129r	OC57			
OC340	G	P	E	OC58	OC57	OC624			
OC341	G	P	E	OC58	AC129g	OC57			
OC342	G	P	E	OC59	OC58	OC624g			
OC343	G	P	E	OC60	AC129b	OC59			
OC350	G	P	E	OC60 OC75	AC126	OC59			
OC351	G	P	E	OC60	OC59				
OC360	G	P	E	OC58	OC65	OC623			
OC361	G	P	E	OC58					
OC362	G	P	E	OC59	OC58				
OC363	G	P	E	OC60	OC58				
OC364	G	P	E	AC150	AC162	AC172			
OC390	G	P	E	AF185	AF116	AF127	2N409		2SA31
OC400	G	P	E	AF185	AF127	ASY32	2N139		
OC410	G	P	E	AF185	AF126	ASY27	2N411		2SA35
OC430	S	P	E	BC178IV BCY33	BSY40 BCY34	BC231B BCZ11			
OC430K	S	P	E	BC178VI	BCZ11				

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
OC440	S	P	E	BCY33 BC213	BC177 BC205	BC262 BCY34	MPS6518		2SA565
OC440K	S	P	E	BC177VI					
OC443	S	P	E	BC178VI BC205	BC262 BCY29	BC213 BC33	MPS6518		2SA565
OC443K	S	P	E	BC177VI BCZ10	BCY27	BCY29			
OC445	S	P	E	BC177VI BC205	BC262 BCY19	BC213 BCY30	MPS6518		2SA565
OC445K	S	P	E	BC177VI	BCY19	BCZ12			
OC449	S	P	E	BC177VI BC205	BC262 BCY29	BC213 BCZ12	MPS6518		2SA565
OC449K	S	P	E	BC178VI	BCY29	BCZ12			
OC450	S	P	E	BSV68 BC205	BC262 BCZ12	BC213	MPS6518		2SA565
OC450K	S	P	E	BCZ12					
OC460	S	P	E	BC178VI BC205	BC262 BCY28	BC213 BCY34			
OC460K	S	P	E	BC178VI	BCY28	BCZ11	MPS6518		2SA565
OC463	S	P	E	BC178VI BC205	BC262 BCZ11	BC213	MPS6518		2SA565
OC463K	S	P	E	BC178VI	BCY28	BCZ11			
OC465	S	P	E	BC178VI BCZ11	BC262	BC213	MPS6518		2SA565
OC465K	S	P	E	BC178VI	BCY28	BCZ11			
OC466	S	P	E	BC178VI BC205	BC262 BCY28	BC213 BCZ11	MPS6518		2SA565
OC466K	S	P	E	BC178VI	BCY28	BCZ11			
OC467	S	P	E	BC178VI BC205	BC262 OC467	BC213 BCY28	MPS6518		2SA565
OC467K	S	P	E	BC178VI	BCY28	BCZ11			
OC468	S	P	E	BC178VI BC205	BC262 OC468	BC213 BCY18	MPS6518		2SA565
OC468K	S	P	E	BC178VI	BCY18	BCZ11			
OC469	S	P	E	BC177VI BC205	BC262 OC469	BC231B BCY18	MPS6518		2SA565
OC469K	S	P	E	BCY18	BCZ12				
OC470	S	P	E	BC307 BC205	BC178VI OC470	BC262 BC17	MPS6518		2SA565
OC470K	S	P	E	BCY17	BCZ10	BCZ11			
OC480	S	P	E	BCY20					
OC480K	S	P	E	BCY20					
OC601	G	P	E	AC126	AC125	OC70	2N2429		
OC602	G	P	E	AC126 SFT351	AC151IV AC152	AC122 AC162	2N2429 2N37	2N238	2SB459 2SB219

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
OC602B	G	P	E	AC151VI	AC131	AC125	2N44		2SB220
				AC132	AC152	ACY76			
OC602sp	G	P	E	AC152VI	AC128	AC131			
OC603	G	P	E	AC151rIV	AC130	AC125	2N238	2N207B	2SB451
				OC603	AC162	AC172	2N2429		2SB32
OC604	G	P	E	AC126	AC151IV	AC151V	2N2429	2N238	2SB451
				AC122	AC125	OC604	2N34		HJ15
OC604s	G	P	E	AC131	AC152	AC153	2N43		HJ15D
OC604sp	G	P	E	AC126	AC128	AC151V	2N610		2S32
				AC152VI	AC131				
OC610	G	P	E	AF126					
OC612	G	P	E	AF185	AF127	AFY15	2N642	2N111	2SA240
				AF137	OC612				HJ22D
OC613	G	P	E	AF185	AF126	AFY15	2N641	2N113	2SA240
				SET316	OC613	AF137			HJ23D
OC614	G	P	E	AF185	AF125	AF136	2N1110	2N370	2SA156
				OC614	AF135				HJ32
OC615	G	P	E	AF168	AF124	AF130	2N2495	2N299	
				AF134	AF178				
OC615V	G	P	E	AF178	AF124	AF135	2N2495	2N1110	2SA76
				AF125	OC615V	AF132			
OC615M	G	P	E	AF125	AF134	AF124	2N346		2SA76
				OC615	AF125	AF132			
OC622	G	P	E	OC58	ASZ23	OC65			
				OC331					
OC623	G	P	E	OC58	OC59	OC65			
				OC341					
OC624	G	P	E	OC60	OC58	OC66			
OC810	G	P	E	AC126	AC125		2N2429		
OC811	G	P	E	AC126	AC125		2N2429		
OC6015	G	P	E	AF178	AC125	AF114	2N2495		
OD603	G	P	E	AD149	AD131IV	AD138/50	2N2836	2N2066	2SB86
				TI3029	OD30		2N68		
OD603/50	G	P	E	AD149	AD131	AD138/50	2N2836		2SB471
				TI3029	OC26				
OD604	G	P	E	AD149	OC30		2N2836		
OD605	G	P	E	AD149	OC26	OC30	2N2837	2N2836	
OD650	G	P	E	AD133	AD138	ADZ11			
OD651	G	P	E	AD133	AD138	ADZ11			
OD651A	G	P	E	AD133	AD138	ADZ11			
OX3003	G	P		AC126			2N2429		
OX3004	G	P		AC128			2N2431		
OX4001	G	P		AF185					
PADT23	G	P		AF185					
PADT24	G	P		AF178			2N2495		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
PADT25	G	P		AF178			2N2495		
PADT28	G	P		AF178			2N2495		
PADT30	G	P		AF178			2N2495		
PADT31	G	P		AF178			2N2495		
PBC107	S	N	E	BC237					
PBC108	S	N	E	BC238					
PBC109	S	N	E	BC239					
PE3100	S	N	A				PE5031		
PE4030B	S	N	A				MPS6539	SE5032	
PE5010	S	N	A				MPSH32		
PE5013	S	N	A				2N3688		
PE5015	S	N	A				SE5006		
PE5025	S	N	A				SE5035		
PE5029	S	N	A				2N3688		
PE5030B	S	N	A				MPS6540	SE5030B	
							MPS6542	MPS6567	
PE5031	S	N	A				SE5035		
PET1001	S	N	A				MPS3693	MPS3694	
							SE1001		
PET1002	S	N	A				MPS6393	MPS3694	
							SE1002		
PET1075	S	N	A				2N5830		
PET1075A	S	N	A				2N5831		
PET2001	S	N	A				MPS3693	MPS3694	
							SE2001		
PET2002	S	N	A				MPS3693	MPS3694	
							SE2002		
PET3001	S	N	A				2N5770	SE3001	
PET3002	S	N	A				2N5770	SE3002	
PET3702	S	P	A				MPS3638A	2N3638A	
PET3703	S	P	A				MPS3638	2N3638	
PET3704	S	N	A				2N4401	2N3566	
PET3705	S	N	A				2N4400	SE6001	
PET3706	S	N	A				2N4401	2N3566	
PET3903	S	N	A				2N3903	EN3903	
PET3904	S	N	A				2N3904	EN3904	
PET3905	S	P	A				2N3905	EN3905	
PET3906	S	P	A				2N3906	EN3906	
PET4001	S	N	A				2N5961	SE4001	
PET4002	S	N	A				2N5961	SE4002	
PET4003	S	N	A				2N5961	SE4002	
PET4058	S	P	A				2N5086	2N4248	
							2N5087	2N4250	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
PET4059	S	P	A				2N5086	2N4248	
							2N5087	2N4250	
PET4060	S	P	A				2N5086	2N4248	
PET4061	S	P	A				2N5086	2N4248	
PET4062	S	P	A				2N5086	2N4248	
							2N5087	2N4250	
PET4123	S	N	A				2N4123	EN4123	
PET4124	S	N	A				2N4124	EN4124	
PET4125	S	P	A				2N4125	EN4125	
PET4126	S	P	A				2N4126	EN4126	
PET6001	S	N	A				2N4400	SN6001	
PET6002	S	N	A				2N4401	SE6002	
PET8000	S	N	A				2N5961	SE4001	
PET8001	S	N	A				2N5961	2N3565	
PET8002	S	N	A				2N5961	2N3565	
PET8003	S	N	A				2N5961	SE4010	
PET8004	S	N	A				2N5961	SE4010	
PET8005	S	N	A				2N3903	2N3691	
PET8005A	S	N	A				2N3903	2N3691	
PET8006	S	N	A				2N3903	2N3691	
							2N3904	2N3692	
PET8006A	S	N	A				2N3903	2N3691	
							2N3904	2N3692	
PET8007	S	N	A				2N3904	2N3692	
PET8007A	S	N	A				2N3903	2N3691	
PET8101	S	N	A				2N5770	2N3563	
PET8200	S	N	A				2N4123	EN4123	
PET8201	S	N	A				2N4123	EN4123	
PET8202	S	N	A				2N4124	EN4124	
PET8203	S	N	A				2N4124	EN4124	
PET8204	S	N	A				2N4124	EN4124	
PET8250	S	N	A				2N4400	SE6001	
PET8251	S	N	A				2N4401	SE6002	
PET8300	S	P	A				2N5086	2N4248	
PET8301	S	P	A				2N5086	2N4248	
PET8302	S	P	A				2N5087	2N4250	
PET8303	S	P	A				2N5771	2N4258	
PET8304	S	P	A				2N5086	2N4248	
PET8350	S	P	A				MPS3638	2N3638	
PET8351	S	P	A				MPS3638A	2N3638A	
PET8352	S	P	A				MPS3638	2N3638	
PET8353	S	P	A				MPS3638A	2N3638A	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
PET9001	S	N	A				2N5772	2N4275	
PET9001A	S	N	A				2N5772	2N4275	
PET9002	S	N	A				2N5772	2N4274	
PET9002A	S	N	A				2N5772	2N4274	
PET9021	S	N	A				2N5772	2N4275	
PET9022	S	N	A				2N5772	2N4272	
PT4416	S	P	A	OC16					
Q6	G	P		AC128			2N2431		
Q7	G	P		AC128			2N2431		
Q8	G	P		AC128			2N2431		
RF1	G	P		AF185					
RR34Z	G	P	A	OC58					
RR83	G	P	A	AC126			2N2429		
RR87	G	P	A	AC126			2N2429		
RR117	G	P	A	AC126			2N2429		
RR160	G	P	A	AF185					
RR161	G	P	A	AF185					
RR162	G	P	A	AF185					
RRJ14	G	P		AC126			2N2429		
RRJ20	G	P		AC126			2N2429		
RRJ34	G	P		AC126			2N2429		
RRJZ14	G	P		OC58					
RRJZ20	G	P		OC58					
RRJZ34	G	P		OC58					
RRJZ38	G	P		OC58					
S40251	S	N	A				40251		
S40309	S	N	A				40309		
S40310	S	N	A				40310		
S40311	S	N	A				40311		
S40312	S	N	A				40312		
S40314	S	N	A				40314		
S40315	S	N	A				40315		
S40316	S	N	A				40316		
S40317	S	N	A				40317		
S40319	S	P	A				40319		
S40320	S	N	A				40320		
S40321	S	N	A				40321		
S40323	S	N	A				40323		
S40324	S	N	A				40324		
S40325	S	N	A				40325		
S40326	S	N	A				40326		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
S40327	S	N	A				40327		
S40360	S	N	A				40360		
S40361	S	N	A				40361		
S40362	S	P	A				40362		
S40363	S	N	A				40363		
S40364	S	N	A				40364		
S40393									
S40406	S	P	A				40406		
S40407	S	N	A				40407		
S40408	S	N	A				40408		
S40411	S	N	A				40411		
S40437									
S40537	S	P	A				40537		
S40538	S	P	A				40538		
S40539	S	N	A				40539		
S40544	S	N	A				40544		
S40546									
S40594	S	N	A				40594		
S40595	S	P	A				40595		
S40611	S	N	A				40611		
S40616	S	N	A				40616		
S40634	S	N	A				40634		
S40635	S	N	A				40635		
SB100	G	P	E	AF185					
SC12	G	P	A	AC126			2N2429		
SD345	S	N	A				2N5293	TIP29A	
							2N5294	2N6123	
SD445	S	P	A				TIP30A	2N6126	
SDA345	S	N	A				2N5295	MJE520	
							TIP31	2N6121	
SDA445	S	P	A				MJE370	MJE371	
							TIP30	2N6124	
SDB345	S	N	A				2N5297	2N5298	
							TIP31A	2N6122	
SDB445	S	P	A				TIP32A	2N6125	
SDC345	S	N	A				2N4921		
SDC445	S	P	A				2N4918		
SDD345	S	N	A				2N4922		
SDD445	S	P	A				2N4919		
SDE345	S	N	A				2N4923		
SDE445	S	P	A				2N4920		
SDF345	S	N	A				2N5190		
SDF445	S	P	A				2N5193		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
SDG345	S	N	A				2N5191		
SDG445	S	P	A				2N5194		
SDH345	S	N	A				2N5192		
SDH445	S	P	A				2N5195		
SDI345	S	N	A				2N6121	40618	
							40621	40622	
SDI445	S	P	A				2N6124		
SDK345	S	N	A				49624	40627	
							2N6121		
SDK445	S	P	A				2N6124		
SDL345	S	N	A				2N6122		
SDL445	S	P	A				2N6125		
SDM345	S	N	A				2N6121		
SDM445	S	P	A				2N6124		
SDN345	S	N	A				2N6122		
SDN445	S	P	A				2N6125		
SDO345	S	N	A				2N6123		
SDO445	S	P	A				2N6126		
SDT9901	S	N	A				2N4301		
SDT9902	S	N	A				2N4301		
SDT9903	S	N	A				2N4301		
SDT9904	S	N	A				2N4301		
SE1001	S	N	A	BF173	BF194	BC118	MPS3693	MPS3694	
SE1002	S	N	A	BF194	BF237		MPS3693	MPS3694	
SE1010	S	N	A	BF194	BF237	BF184			
				BF189					
SE2001	S	N	A				MPS3693	MPS3694	
							TIS98		
SE2002	S	N	A				2N3692		
SE3001	S	N	A	BF194	BFY88	BF195	2N5770	2N3015	
				BFY19			TIS62		
SE3002	S	N	A				2N5770		
SE3005	S	N	A				2N2857		
SE3646	S	N	A				2N3646	2N3009	
							2N3013		
SE4001	S	N	A	BC107	BC237A	BC182	2N5961	2N2921	2SC458
							TIS97		
SE4002	S	N	A				2N5961	TIS97	
SE4010	S	N	A				2N5961	TIS97	
							2N2511		
SE4020	S	N	A				2N4961	2N5088	
							2N2586	2N3117	
SE4021	S	P	A				FT107B	2N4021	
SE4022	S	N	A				FT107A	2N4022	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
SE5001	S	N	A	BF173	BF237				2SC464
SE5002	S	N	A	BF162			2N3337		
SE5003	S	N	A	BF162			2N3339		
SE5006	S	N	A	BF162			2N3339		
SE5020	S	N	A				TIS84		
SE5021	S	N	A				TIS108		
SE5022	S	N	A				TIS108		
SE5023	S	N	A				TIS108		
SE5024	S	N	A				TIS108		
SE5025	S	N	A				2N3337		
SE5030B	S	N	A				PE5030B		
SE5050	S	N	A				2N3137	SE5015	
SE5051	S	N	A				2N5126		
SE5052	S	N	A				FPS6568		
SE5055	S	N	A	BF167					
SE6001	S	N	A	BC107A	BC237A		2N4400	2N4401	2SC458
							2N2921		
SE6002	S	N	A				2N5961	2N3565	
							MPS3392	MPS3393	
SE6010	S	N	A				2N3905		
SE6020	S	N	A				MPSA05	MPSA06	
							2N4960	2N3107	
SE6020A	S	N	A				SE6021A		
SE6021	S	N	A				2N4961	2N3109	
							2N3110	2N3665	
SE6021A	S	N	A						
SE6022	S	N	A				2N4962		
SE6023	S	N	A				2N4963	FM3020	
							2N3057A		
SE6063	S	N	A				SE6062		
SE7001	S	N	A				2N5182	TIS100	
SE7002	S	N	A				2N5182	TIS100	
SE7010	S	N	A				2N5182		
SE7015	S	N	A				2N3923	SE7016	
SE7016	S	N	A				SE7017		
SE7017	S		A						
SE7055	S	N	A						
SE7056	S	N	A						
SE7057	S	N	A				2N2393		
SE7066	S	N	A				2N3742		
SE8001	S	N	A	BSY34			2N4945	2N2218A	2SC479
SE8002	S	N	A				2N4945		
SE8010	S	N	A				SE8012		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
SE8012	S	N	A				SE8010		
SE8020	S		A						
SE8021	S		A						
SE8040	S	N	A				SE8041	SE8042	
SE8041	S	N	A				SE8040	SE8042	
SE8042	S	N	A				SE8040	SE8041	
SE8520	S	P	A				SE8510		
SE8521	S	P	A				2N4355		
SE8540	S	P	A				SE8541	SE8542	
SE8541	S	P	A				SE8540	SE8542	
SE8542	S	P	A				SE8541	SE8540	
SES3705	S	N	E	BC337					
SFT101	G	P	E	AC126	AC125		2N2429		
SFT102	G	P	E	AC126	AC125		2N2429		
SFT103	G	P	E	AC126			2N2429		
SFT105	G	P	E	AC126			2N2429		
SFT106	G	P	E	AF185	AF116	AF126			
SFT107	G	P	E	AF185	AF116	AF128			
SFT108	G	P	E	AF185	AF115	AF125			
SFT109	G	P	E	AC126	AC125		2N2429		
SFT111	G	P	E	AC125					
SFT112	G	P	E	AC132					
SFT113	G	P	E	AD149	OC26		2N2836		
SFT114	G	P	E	ASZ15	ASZ17				
SFT115	G	P	E	AF185	AF116	AF126			
SFT116	G	P	E	AF185	AF115	AF125			
SFT117	G	P	E	AF178	AF114	AF124	2N2495		
SFT118	G	P	E	AF178	AF114	AF124	2N2495		
SFT119	G	P	E	AF185	AF116	AF126			
SFT120	G	P	E	AF185	AF115	AF125			
SFT121	G	P	E	AC128	AC132		2N2431		
SFT122	G	P	E	AC128	AC132		2N2431		
SFT123	G	P	E	AC128	AC132		2N2431		
SFT124	G	P	E	AC128	AC153VI	AC117	2N2431	2N4106	2SB370A
				AC131	AC152		2N249		2SB226
SFT125	G	P	E	AC128	AC153VI	AC117	2N2431	2N4106	2SB370A
				AC126	AC131		2N223		2SB222
SFT126	G	P	E	ASY26	2G139	2G138			
SFT127	G	P	E	ASY26	2G138	2G139			
SFT128	G	P	E	ASY27	2G140	2G141			
SFT130	G	P	E	AC128	AC151VI	AC128K	2N2431	2N386	ST172
				AC117					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
SFT131	G	P	E	AC128 AC128K	AC153VI AC131	AC130	2N2431	2N223	2SB415 2SB227
SFT142	G	P	E	ASY80					
SFT143	G	P	E	AC128					
SFT144	G	P	E	AC127	AC128	AC153	2N226		2SB222
SFT145	G	P	E	AC127					
SFT146	G	P	E	AC127	AC128				
SFT150	G	P	E	ASZ15	ASZ16				
SFT151	G	P	E	AC126	AC125		2N2429		
SFT152	G	P	E	AC126	AC125		2N2429		
SFT153	G	P	E	AC126					
SFT162	G	P	E	AF118			2N2207		2SA76
SFT163	G	P	E	AF121	AFZ12	AF200			
SFT170	G	P	E	AF109R	AF180		2N3588		
SFT171	G	P	E	AF106	AF102				2SA230
SFT172	G	P	E	AF106	AF102				2SA230
SFT173	G	P	E	AF201	AF121	AF102			2SA239
SFT174	G	P	E	AF202 AF102	AF121S	AF121			2SA239
SFT184	G	N	E	AC127	AC179		2N2430	2N1304	2SD96
SFT186	S	N	E	BF140	BF178	BF117			
SFT186P	S	N	E	BF110					
SFT186N	S	N	E	BF110	BF178	BF258			2SC856
SFT187	S	N	E	BF114	BF110	BF178			
SFT187N	S	N	E	BF178	BF117				2SC856
SFT190	G	P	E	AD132 AD149	AD138/50	ADZ12	2N2065		2SB472
SFT191	G	P	E	AD131 ASZ18	ADZ11	AD149	T13029		2SB471
SFT206	G	P	E	ASY26	ASY14		2N3486A		
SFT207	G	P	E	ASY26	ASY14	ASY12	2N3486A		
SFT208	G	P	E	ASY27	ASY14	ASY13	2N3486A	2N2447	2S13
SFT211	G	P	E	ASZ118					
SFT212	G	P	E	AD130III AD153	AD138 ASZ15	AD149	TI3028	2N83A	2SB242
SFT213	G	P	E	AD131III AD148	AUY28 AD149	AD153 ASZ16	TI3029 2N257	2N176	2SB242
SFT214	G	P	E	AD131III AUY28	AD138/50	ASZ17	TI3029		
SFT221	G	P	E	ACY23V ACY14	AC131 AC153	AC128 ASY26	2N1303	2N1307	2SB37
SFT222	G	P	E	ACY23V ASY14	AC131 AC153	BC257 ASY26	2N3502 2N1303	2N526 2N1307	2SB219

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
SFT223	G	P	E	ASY26 AC117	AC131 AC153	ASY14	2N3486	2N215	HJ15
SFT226	G	P	E	AF101 ASZ10	GFT45	OC612	2N269	2N1305	2S40
SFT227	G	P	E	ASY26 ASZ10	ASY14	ASY30	2N1307		
SFT228	G	P	E	ASY27 ASZ10	ASY14	ASY30	2N3486A	2N1309	
SFT229	G	P	E	ASY27	ASY13		2N1309		
SFT232	G	P	E	AC124 CTP1104	AC128 OC30	AC173	2N176		2SB41
SFT234	G	P	E	ACY24	ASY48				
SFT237	G	P	E	ACY32V ACY32	AC160	AC160B			
SFT238	G	P	E	AUY21III ASZ17	AD138 AUY28	ASZ16	TI3029	2N101	2SB242
SFT239	G	P	E	AUY21III AUY28	AD138/50	ASZ16	TI3029		
SFT239g	G	P	E	ASZ16	ASZ18	CDT1311			
SFT239gr	G	P	E	AD149	ASZ17	CDT1311	2N352		2SB86
SFT240	G	P	E	AUY22	AUY28	ASZ18	TI3029		
SFT240gr	G	P	E	AD131	ASZ15	ASZ18	2N157A		2SB87
SFT240gr	G	P	E	AD105	GFT3408	ASZ18	2N268		2SB87
SFT241	G	P	E	AC152IV AC131	AC131/30 ASY48	AC128	2N44		2SB224
SFT242	G	P	E	AC152IV	AC131/30 AC128	AC161 ASY48	2N284		2SB89
SFT243	G	P	E	ASY48IV ACZ10	ACY24	AC128	2N3486A 2N24A	2N241	2SB89
SFT250	G	P	E	AD132III ASY41	AUY28 ASZ18	AUY31	TI3029 2N301	2N268	2SB340 2SB249
SFT251	G	P	E	AC125	ASY26				
SFT252	G	P	E	ASY26					
SFT260	G	N	E	ASY74	OC140		2N1090		2SC90
SFT261	G	N	E	ASY75			2N1091		2SC91
SFT264	G	P	E	AD132IV	ADZ11	AUY28	TI3030		
SFT265	G	P	E	AD132III ADZ11	AD103	AD133	2N1146		
SFT266	G	P	E	AD132III AUY21	AD104	ADZ12	2N1146A		
SFT267	G	P	E	AD105	ADZ12	ADZ11	2N1146B		
SFT268	G	P	E				2N1100		
SFT288	G	P	E	ASY27			TI3030	2N1309	
SFT298	G	P	E	ASY27			2N1308		
SFT306	G	P	E	AF185 AF101	AC163 AC126	AFY15	2N2905 2N218	2N506	2SB459 2SA12

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
SFT307	G	P	E	AF185 AF187	AC121IV GFT45	AFY15	2N2905	2N409	2SA12
SFT308	G	P	E	AF185 AF190	AC151 AF101	AFY15 OC613	2N2905	2N112	2SA15
SFT315	G	P	E	AF118	ASZ220		2N2207		
SFT316	G	P	E	AF185	AF132	AF137	2N247		2SA215
SFT316bl	G	P	E	AF126	AF138				
SFT316o	G	P	E	AF126	AF138				
SFT317	G	P	E	AF185 AF135	AF125 AF136	AF137	2N1178	2N372	2SA81
SFT319	G		E	AF185	AF133	AF136	2N373		2SA82
SFT319bl	G	P	E	AF126	AF137				
SFT319gr	G	P	E	AF126	AF137				
SFT320	G	P	E	AF185 AF126	AF200 AF131	AF137 AF135	2N374		2SA83
SFT321	G	P	E	AC126 AC152III	AC128 AC131	AC125	2N464	2N1305	2SB76
SFT322	G	P	E	AC126 AC152IV	AC128 AC125	AC131	2N464		2SB76
SFT323	G	P	E	AC126 AC131	AC128 AC125	AC152IV AC132	2N408		2SB78
SFT325	G	P	E	AC128	AC131				
SFT335	G	P	E	AC125					
SFT337	G	P	E	AC126 AC150	AC151rV AC160	AC151VI	2N2429		
SFT351	G	P	E	AC126 AC122r	AC151IV AC131	AC125	2N2429	2N63	2SB75
SFT352	G	P	E	AC126 AC125	AC162 AC131	AC122r	2N2429	2N591	2SB120
SFT352FB	G	P	E	AC107	AC150	OC603			
SFT353	G	P	E	AC126 AC125	AC163 AC151	AC122g	2N2429		
SFT353I	G	P	E	AC151V	AC151VI				
SFT353II	G	P	E	AC151VI	AC151VII				
SFT353FB	G	P	E	AC107	AC150	OC603			
SFT354	G	P	E	AF185 AC132	AF125	AF136	2N1110		2SA156
SFT357	G	P	E	AF178 AF133	AF125	AF135	2N2495 2N299	2N1178	2SA156 2SA105
SFT357P	G	P	E	AF118	AF125	AF135	2N2207		
SFT358	G	P	E	AF178 AF135	AF125	AF134	2N2495 2N299	2N1110	2SA156 2SA105
SFT367	G	P	E	AC153	AC131	AD161	2N1924		2SB370
SFT377	G	N	E	AC176	AC186	AC127			
SFT522	G	N	E	AC127					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
SFT523	G	P	E	AC128	AC132		2N2431		
SK3003	G	P	E	AC126	AC128		2N2429	2N2431	
SK3004	G	P	E	AC126	AC128		2N2429	2N2431	
SK3005	G	P	E	AF185					
SK3006	G	P	E	AF178			2N2495		
SK3007	G	P	E	AF178			2N2495		
SK3008	G	P	E	AF185					
SK3009	G	P	E	AD149			2N2836		
SK3010	G	P	E	AC127			2N2430		
SK3012	G	P	E	AD149			2N2836		
SK3013	G	P	E	AD149					
SK3014	G	P	E	AD149			2N2836		
SK3015	G	P	E	AD14					
SO88	G	P		AC128			2N2431		
SP8A	G	P		AC126			2N2429		
SP8B	G	P		AC126			2N2429		
SP8C	G	P		AC126			2N2429		
STS	G	P	J	AD149	AD148	OC30	2N2836	2N376	
ST286	G	P	J	AF185	AF117	AF127	2N309		
ST36	G	P	J	AD149	AD131	OC28	2N2836	2N301	
ST37D	G	P	J	AF185	AF117	AF126	2N252		
ST121	G	P	J	AC126	AC125	AC163	2N2429	2N47	
ST122	G	P	J	AC128	AC117	AC153	2N2431	2N43	
ST123	G	P	J	AC126	AC122	AC163	2N2429	2N65	
ST124	G	P	J	AC126	AC125		2N2429		
ST125	G	P	J	AC126			2N2429		
ST162	G	P	J	AF101	AF116	OC612	2N145		
ST163	G	P	J	AF101	AF117	OC410			
ST171	G	P	J	AF185	AF117	AC127	2N308		
ST172	G	P	J	AF185	AC117	AF126	2N386		
ST173	G	P	J	AF101	AF117	OC613			
ST301	G	P	J	AC126	AC122	AC163	2N2429	2N34	
ST302	G	P	J	AC126	AC122	AC163	2N2429	2N77	
ST303	G	P	J	AC126	AC125	AC163	2N2429	2N81	
ST722	G	P	J	ZT22					
ST723	G	P	J	ZT22					
ST724	G	P	J	ZT23					
STC1015	S	N	A	BLY17					
STC1016	S	N	A	BLY17					
STC1024	S	N	A	BLY17					
STC1400	S	N	A	BLY17					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
T34A	G	P	A	OC65					
T34B	G	P	A	OC65					
T34C	G	P	A	OC65					
T34D	G	P	A	AC128	AC132	OC72	2N2431	2N281	
T34E	G	P	A	AC128	AC132	OC72	2N2431	2N281	
T34F	G	P	A	AC128	AC132	OC72	2N2431	2N281	
T65	G	P	A	AC126			2N2429		
T1040	G	P	A	AD149	OC26		2N2836		
T1041	G	P	A	AD149	OC26		2N2836		
T1159	G	P	A	AC128	AC132		2N2431		
T1360	G	P	A	AF185	AF126				
T1361	G	P	A	AF185	AF126				
T1369	G	P	A	AD149			2N2836		
T1375	G	P	A	AF185	AF125				
T1376	G	P	A	AC128			2N2431		
T1377	G	P	A	AC128			2N2431		
T1390	G	P	A	AF185	AF126				
T1675	G	P	A	AF185	AF125				
1690	G	P	A	AF185	AF125				
1691	G	P	A	AF178	AF124		2N2495		
1692	G	P	A	AF185	AF126				
T1693	G	P	A	AFZ12					
T1694	G	P	A	AFZ12					
T1695	G	P	A	AF178	AFZ12		2N2495		
T1696	G	P	A	AFZ12					
T1727	G	P	A	AF185	AF126				
T1737	G	P	A	AF185	AF125				
T1814	G	P	A	AF185	AF125				
T1832	G	P	A	AC126					
T1833	G	P	A	AC126					
T2024	G	P	A	AC126					
T2028	G	P	A	AC126					
T2030	G	P	A	AC126					
T2379	G	P	A	AF178				2N2495	
T2384	G	P	A	AF185	AF178		2N2495		
T2399	G	P	A	AF178			2N2495		
T2400	G	P	A	AF185					
T2478	S	N	A				2N706A		
TF49	G	P	E	ASY27	AF101	ASY26	2N218	2N1307	2SA12
TF65	G	P	E	AC126	AC125	AC151r	2N2429		
TF65bl	G	P	E	AC151V	AC122ge	AC125			

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
TTF65br	G	P	E	AC151VII	AC122w	AC122v			
TTF65g	G	P	E	AC151V AC122	AC122ge OC71	AC125 OC604			
TTF65ge	G	P	E	AC151IV AC122	AC122r	AC125	2N1190 2N190	2N238	2SB459 2SB101
TTF65gr	G	P	E	AC151VI AC125	AC122g	AC126			
TTF65or	G	P	E	AC151IV	AC122r	AC125	2N1190	2N238	2SB459
TTF65r	G	P	E	AC151IV AC122	AC122r	AC125	2N1190 2N63	2N238	2SB459 2SB220
TTF65v	G	P	E	AC151VI AC122	AC122g	AC126	2N266		2SB219
TTF65/30	G	P	E	AC126 OC604	AC151	OC71	2N2429		
TTF65/30g	G	P	E	AC122	GFT25	OC71	2N36		2SB101
TTF65/30ge	G	P	E	AC122	OC304/I	OC602ge	2N89		2SB101
TTF65/30r	G	P	E	AC122	AC125	OC602r	2N63		2SB220
TTF65/30v	G	P	E	AC122	OC304/III	OC604v	2N266		2SB219
TTF65/60	G	P	E	ASY23	ASY77	OC77			
TTF65M	G	P	E	AC125	OC71				
TTF65/30M	G	P	E	OC71					
TTF65/60M	G	P	E	OC77					
TTF66	G	P	E	AC131	AC152	ASY70	2N44	2N1303	2SB220
TTF66I	G	P	E	AC128	AC152IV	AC131r	2N2431	2N4106	
TTF66II	G	P	E	AC128	AC152V	AC131ge	2N2431	2N4106	
TTF66III	G	P	E	AC128	AC152VI	AC131gr	2N2431	2N610	2SB2
TTF66/30	G	P	E	AC128 AC117	AC152	AC131/30	2N2431 2N238	2N1924 2N59	2SB156 2SB222
TTF66/60	G	P	E	ASY48IV AC128	AC24 ASY77	ASY81 ASZ10	2N241	2N24A	2SB89
TTF68	G	P	E	AF185	AF126	OC44			
TTF69/30	G	P	E	AC128			2N2431		
TTF70	G	N	E	ASY73	OC139				
TTF71	G	N	E	ASY74	OC140				
TTF72	G	N	E	ASY74	OC140				
TTF75	G	P	E	AC128	OC72		2N2431		
TTF77	G	P	E	AC128	AC126	OC74	2N2431		
TTF77/30	G	P	E	AC128	OC74	OD603	2N2431		
TTF77/60	G	P	E	ASZ15	OC28				
TTF78	G	P	E	AD149	OC80	OD603	2N2836		2SB86
TTF78/30	G	P	E	AC152 AD149	AD169 ASZ18	AC128 OD603		2N2904	2SB86
TTF78/60	G	P	E	AD131	ASZ15	OD603/50		2N2904	
TTF80	G	P	E	AD149	OC26	OC30	2N2836		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
TF80/30	G	P	E	AD149 AD153	AD130	AD150	2N2836 2N1195	TI3029	2SB337 2SB83
TF80/60	G	P	E	AD131 ASZ15	AD138/50	AD149	TI3029	2N268	2SB471 2SB86
TF80/80	G	P	E	AD132 ASZ15	AUY28	AD149	2N2065		2SB472
TF81/30	G	P	E	AD149			2N2836		
TF85	G	P	E	AD149	OC26		2N2836		
TF90	G	P	E	AD149 OC26	AD133	AD137	2N2836		
TF90/30	G	P	E	AD149 AD153	AD133 ADZ11	AUY21	2N2836		
TF90/60	G	P	E	AUY22 OC26	AD149	ADZ12			
TF260	S	N	E	BC107	BC197	BC182A	2N3568	2N2921	2SC458
THP44	G	P	E	AC128	AC132		2N2431		
THP45	G	P	E	AD149			2N2836		
THP46	G	P	E	AD149			2N2836		
THP47	G	P	E	ASZ17					
THP50	G	P	E	AD149			2N2836		
THP51	G	P	E	AD149			2N2836		
THP52	G	P	E	AD149			2N2836		
TI3027	G	P	A	ASZ16	AUY22IV	AD138/50	TI3028		2SB339
TI3028	G	P	A	ASZ15	AUY22III	AUY28	TI3029		2SB341
TI3029	G	P	A	ASZ15	AUY22III	AUY28	TI3030		
TI3030	G	P	A	ASZ15	AUY22III	AUY28	TI3031		
TI3031	G	P	A	ASZ15	AUY22III	AUY28			2SB341
TIP29	S	N	A	BD239	BD131		SDA345	2N6121	
TIP29A	S	N	A	BD239A	BD137		SD345	2N6122	
TIP29B	S	N	A	BD239B			2N6123		
TIP29C	S	N	A	BD239C			2N6123		
TIP30	S	P	A	BD240	BD132		SDA445	2N2124	
TIP30A	S	P	A	BD240A	BD138		SD445	2N2125	
TIP30B	S	P	A	BD240B			2N2126		
TIP30C	S	P	A	BD240C			2N2126		
TIP31	S	N	A	BD241	BD131		SDA345	2N6121	
TIP31A	S	N	A	BD241A			SDB345	2N6122	
TIP31B	S	N	A	BD241B			2N6123		
TIP31C	S	N	A	BD241C			2N6123		
TIP32	S	P	A	BD242	BD132		SDA445	2N6124	
TIP32A	S	P	A	BD242A			SDB445	2N6125	
TIP32B	S	P	A	BD242B			2N6125		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
TIP32C	S	P	A	BD242C			2N6126		
TIP33	S	N	A	BD245	BDY38				
TIP33A	S	N	A	BD245A	AM291	BDX10	2N3055		
TIP33B	S	N	A	BD245B					
TIP33C	S	N	A	BD245C					
TIP34	S	P	A	BD246					
TIP34A	S	P	A	BD246A					
TIP34B	S	P	A	BD246B					
TIP34C	S	P	A	BD246C					
TIP35	S	N	A	BD249					
TIP35A	S	N	A	BD249A					
TIP35B	S	N	A	BD249B					
TIP35C	S	N	A	BD249C					
TIP36	S	P	A	BD250					
TIP36A	S	P	A	BD250A					
TIP36B	S	P	A	BD250B					
TIP36C	S	P	A	BD250C					
TIP37	S		A						
TIP38	S		A						
TIP41	S	N	A	BD243			2N6121		
TIP41A	S	N	A	BD243A			2N6122		
TIP41B	S	N	A	BD243B			2N6123		
TIP41C	S	N	A	BD243C			2N6123		
TIP42	S	P	A	BD244			2N6124		
TIP42A	S	P	A	BD244A			2N6125		
TIP42B	S	P	A	BD244B			2N6126		
TIP42C	S	P	A	BD244C			2N6126		
TIP120	S	N	A				TIP121		
TIP121	S	N	A				TIP122		
TIP122	S		A						
TIP125	S	P	A				TIP126		
TIP126	S	P	A				TIP127		
TIP127	S	P	A						
TIP3055	S	N	A	AM291	BDX10		2N3055		
TIP5530	S	P	A				2N5530		
TIS25		N	A				2N5045		
TIS26		N	A				2N5046		
TIS27		N	A				2N5047		
TIS34		N	A	BF256					
TIS37	S	P	A	BC308VI			EN3905	2N3905	
TIS38	S	P	A	BC308VI			EN3905	2N3905	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
TIS39	S	N	A				2N4874		
TIS42		N	A						
TIS43									
TIS56	S	N	A				TIS57		
TIS57	S	N	A				TIS56		
TIS58									
TIS59									
TIS62	S	N	A				2N3563	2N5770	
TIS63	S	N	A				2N5770	2N3563	
TIS64	S	N	A				2N3563	2N5770	
TIS69									
TIS70									
TIS73									
TIS74									
TIS75									
TIS78									
TIS79									
TIS84									
TIS85									
TIS86	S	N	A				SE5030A	PE5030B	
							SE5030B		
TIS87	S	N	A				SE5030A	PE5030B	
							SE5030B		
TIS88	S		A						
TIS90	S	N	A				2N4946	2N4401	
TIS90M	S	N	A				SE8040		
TIS91	S	P	A				2N3644	2N4403	
TIS91M	S	P	A				SE8540		
TIS92	S	N	A				2N4946	2N4401	
TIS92M	S	N	A				SE8040		
TIS93	S	P	A				2N3644	2N4403	
TIS93M	S	P	A				SE8540		
TIXS35		N	A				TIXS36		
TIXS36		N	A						
TIXS39	S	N	A	BFV17	BFY39	BFW17	2N918		
TIXS80		N	A						
TIXS81		N	A				TIXS80		
TJ320	G	P	E	AC126			2N2429		
TJ363	G	P	E	AF185					
TJ364	G	P	E	AF185					
TJ385	G	P	E	AF185					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
TJ386	G	P	E	AF185					
TJ387	G	P	E	AF185					
TJ388	G	P	E	AF185					
TJ389	G	P	E	AF185					
TJ397	G	P	E	AF185					
TJ398	G	P	E	AF185					
TJ399	G	P	E	AF185					
TJN1	G	P	E	AC126			2N2429		
TJN1B	G	P	E	AC126			2N2429		
TJN2F	G	P	E	AC126			2N2429		
TJN2FB	G	P	E	AC126			2N2429		
TJN2G	G	P	E	AC126			2N2429		
TJN2GB	G	P	E	AC126			2N2429		
TJN3	G	P	E	AC126			2N2429		
TJN4	G	P	E	AC126			2N2429		
TJN300/2	G	P	E	AD149			2N2836		
TJN300/2A	G	P	E	AD149			2N2836		
TK20B	G	P	E	V6/4R2					
TK21B	G	P	E	V6/2R3					
TK23	G	P	E	ACY31					
TK23A	G	P	E	GET104	NKT217	NKT227			
TK23C	G	P	E	NKT217	NKT227				
TK24	G	P	E	ASY64					
TK24B	G	P	E	V6/2R4					
TK25	G	P	E	ASY60					
TK25B	G	P	E	V/8R					
TK26B	G	P	E	V6/2R3					
TK27B	G	P	E	V6/2R4					
TK28	G	P	E	ASY63					
TK28B	G	P	E	V6/2R4					
TK30C	G	P	E	2G301	NKT126				
TK30D	G	P	E	NKT126					
TK31	G	P	E	ASY55					
TK31C	G	P	E	2G302	NKT125				
TK31D	G	P	E	NKT125					
TK33	G	P	E	ASY61					
TK34	G	P	E	ASY62					
TK35	G	P	E	ASY56					
TK36	G	P	E	ASY57					
TK37	G	P	E	ASY58					
TK38	G	P	E	ASY59					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
TK40	G	P	E	AC128	ACY30				
TK40R	G	P	E	GET102	NKT213	NKT223			
TK40C	G	P	E	AC156	NKT213	NKT223			
TK41	G	P	E	AC128	ACY27				
TK41C	G	P	E	NKT214	NKT224				
TK42	G	P	E	ACY28					
TK42C	G	P	E	AC156	NKT213	NKT223			
TK45	G	P	E	ACY29	NKT216	NKT226			
TK46	G	P	E	ASY50					
TK46C	G	P	E	NKT215	NKT225				
TK47C	G	P	E	NKT215	NKT225				
TK48C	G	P	E	NKT217	NKT227				
TK49	G	N	E	ASY53					
TK49C	G	N	E	NKT713					
TK400A	G	P	E	NKT404					
TK401A	G	P	E	NKT401					
TK402A	G	P	E	NKT402					
TR722	G	P	E	OC58					
TR760	G	P	E	AF185			2N520		
TR761	G	P	E	AF185			2N521		
TR802	G	P	E	AF127					
TRC44	G	P	E	AF185	AF126				
TRC45	G	P	E	AF185	AF127				
TRC65	G	P	E	AC125					
TRC66	G	P	E	AC126					
TRC70	G	P	E	AC126	AC125		2N2429		
TRC71	G	P	E	AC126	AC125		2N2429		
TRC72	G	P	E	AC128	AC132		2N2431		
TRC76	G	P	E	ASY76	OC76				
TRC77	G	P	E	ASY77	OC77				
TRC360	G	P	E	OC58	OC65				
TRC601	G	P	E	AC126	AC125	OC70	2N2429		
TRC602	G	P	E	AC126	AC125	OC71	2N2429		
TS1	G	P	E	AF185					
TS2	G	P	E	AF185					
TS3	G	P	E	AF185					
TS7	G	P	E	AF185					
TS8	G	P	E	AF185					
TS9	G	P	E	AC128			2N2431		
TS13	G	P	E	AC126			2N2429		
TS14	G	P	E	AC126			2N2429		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
TS161	G	P	E	2-AC128	2-AC132	2-OC72			
TS162	G	P	E	AC126	AC125	OC71	2N2429		
TS163	G	P	E	AC126	AC125	OC71	2N2429		
TS164	G	P	E	AC126	AC125	OC71	2N2429		
TS165	G	P	E	AC126	OC72		2N2429	2N281	
TS166	G	P	E	AC126	AC125		2N2429		
TS176	G	P	E	AD149	OC70		2N2836	2N2429	
TS306	G	P	E	AC128			2N2431	2N2836	
TS620	G	P	E	OC58	OC65	OC66	2N2431		
TS621	G	P	E	OC58	OC65	OC70			
TS739	G	P	E	AC126			2N2429		
TS739B	G	P	E	AF185					
TS740	G	P	E	AC128			2N2431		
V6/1R	G	P	E	NKT164					
V6/2R	G	P	E	NKT143	NKT164				
V6/2RC	G	P	E	NKT164					
V6/2RM	G	P	E	NKT164					
V6/3R	G	P	E	NKT164					
V6/3RM	G	P	E	NKT164					
V6/4R	G	P	E	NKT163	NKT143				
V6/4RC	G	P	E	NKT163					
V6/4RM	G	P	E	NKT162					
V6/6R	G	P	E	NKT163					
V6/6RM	G	P	E	NKT162					
V6/8R	G	P	E	NKT162	NKT142				
V6/8RC	G	P	E	NKT162					
V6/8RM	G	P	E	NKT162					
V6/R2	G	P	E	NKT164	NKT143				
V6/R4	G	P	E	NKT163	NKT143	GET873			
V6/R8	G	P	E	NKT162	NKT142	GET874			
V10/15	G	P	E	AC126			2N2429		
V10/30	G	P	E	AC126			2N2429		
V10/50	G	P	E	AC126			2N2429		
V30/20P	G	P	E	AD149	OC26		2N2836		
V30/30P	G	P	E	AD149	OC27		2N2836		
V60/10P	G	P	E	NKT403					
V60/10PD	G	P	E	NKT403					
V60/20P	G	P	E	NKT403					
V60/20PD	G	P	E	NKT403					
V60/20IP	G	P	E	NKT301					
V60/30P	G	P	E	NKT403					
V60/30NP	G	P	E	GET573					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
V208	G	P	E	AD149	OC26		2N2836		
V308	G	P	E	AD149	OC26		2N2836		
VB701	G	P	E	V10/50A2					
VB704	G	P	E	V10/30A2					
VB705	G	P	E	V10/30A					
VB706	G	P	E	V10/50A					
VB707	G	P	E	V6/4R					
VB708	G	P	E	V6/8R					
VB709	G	P	E	V10/50A2					
VB710	G	P	E	V10/50A					
X137	G	P	E				2N677B		
XA101	G	P	E	AF185	OC45				
XA102	G	P	E	AF185	OC44				
XA111	G	P	E	AF185					
XA112	G	P	E	AF185					
XA131	G	P	E	AF178			2N2495		
XA141	G	P	E	AF178			2N2495		
XA142	G	P	E	AF178			2N2495		
XA143	G	P	E	AF178			2N2495		
XA161	G	P	E	AF178			2N2495		
XB102	G	P	E	AC126			2N2429		
XB103	G	P	E	OC58	OC66	OC71			
XB104	G	P	E	AC126			2N2429		
XB112	G	P	E	AC126			2N2429		
XB113	G	P	E	AC126			2N2429		
XC101	G	P	E	AC128	OC72		2N2431		
XC131	G	P	E	AC128			2N2431		
XC171	G	P	E	AC128			2N2431		
XFT2	G	P	E	V10/50A					
XS101	G	P	E	OC139	V10/2S				
XS111	G	P	E	V6/2R					
Y203A	G	P	E	XS101					
Y203A2	G	P	E	XS104					
Y203HB	G	P	E	XS121					
Y214N2	G	P	E	XC142					
Y214N5	G	P	E	XC155					
Y214N6	G	P	E	XC156					
Y215J1	G	P	E	XA151					
Y215J2	G	P	E	XA152					
Y217HA1	G	P	E	XA141					
Y217HA2	G	P	E	XA142					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
Y217HA3	G	P	E	XA143					
Y221HB1	G	P	E	XA161					
Y221HB2	G	P	E	XA162					
Y222HB	G	P	E	XB121					
Y363	G	P	E	AC126			2N2429		
Y482	G	P	E	AF185					
Y483	G	P	E	AF185					
Y485	G	P	E	AF185					
Y633	G	P	E	AC128			2N2431		
ZJ13	G	P	A	AC128			2N2431		
ZS4	G	P	E	AF185					
ZS5	G	P	E	AF185					
ZS8	G	P	E	AF185					
ZS12	G	P	E	AC128			2N2431		
ZS15	G	P	E	AC128			2N2431		
ZS30	G	P	E	AF185					
ZS31	G	P	E	AF185					
ZS34	G	P	E	AC128			2N2431		
ZS35	G	P	E	AF185					
ZS36	G	P	E	AF185					
ZS38	G	P	E	AC128			2N2431		
ZS41	G	P	E	AF185					
ZS43	G	P	E	AF185					
ZS45	G	P	E	AF185					
ZS52	G	P	E	AF185					
ZS56	G	P	E	AC128			2N2431		
ZS91	G	P	E	AC128			2N2431		
ZS109	G	P	E	AF185					
ZS110	G	P	E	AF185					
ZS112	G	P	E	AF185					
ZS141	G	P	E	AF185					
ZS142	G	P	E	AF185					
ZT204	S	N	E	BSY10					
ZT402	S	N	E						2S731
ZT706	S	N	E	BCY34			2N706		
ZT708	S	N	E				2N708	2N2413	
ZT709	S	N	E				2N709		
ZT1420	S	N	E				2N1420		
ZT1488	S	N	E	DT4111	DT4112		2N1488		
ZT1490	S	N	E	DT4121			2N1490		
ZT1708	S	N	E	BFY44			2N1708		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
ZT2205	S	N	E	BFY26			2N2205		2S131
ZT2206	S	N	E	BFY27			2N2206		
ZT2270	S	N	E	BFY15	BFY16	DT1521	2N2270		2S019
ZTX107	S	N	E	BC107					
ZTX108	S	N	E	BC108					
ZTX109	S	N	E	BC109					
ZTX300	S	N	E	BCW10					
ZTX301	S	N	E	BCW12					
ZTX302	S	N	E	BCW14					
ZTX303	S	N	E	BCW16					
ZTX304	S	N	E	BCW18					
ZTX310	S	N	E	BSV23			2N706		
ZTX311	S	N	E	BSV24	BSY95A				
ZTX312	S	N	E	BSV25			2N706A		
ZTX313	S	N	E	BSV26			2N2369		
ZTX314	S	N	E	BSV27			2N2369A		
ZTX320	S	N	E	BSW97			2N918		
ZTX330	S	N	E	BCW20			2N3707		
ZTX331	S	N	E	BCW22			2N929		
ZTX341	S	N	E	BSV28					
ZTX342	S	N	E	BSV29					
ZTX500	S	P	E	BCW11					
ZTX501	S	P	E	BCW13					
ZTX502	S	P	E	BCW15					
ZTX503	S	P	E	BCW17					
ZTX504	S	P	E	BCW19					
2G101	G	P	E	AC163	AC171	AC126	2N2907	2N506	2SB459
				AC173	AC128	AF139			
2G102	G	P	E	AC163	AC171	AC126	2N2907	2N506	2SB459
				AC173	AC128	AF139			
2G103	G	P	E						
2G104	G	P	E						
2G106	G	P	E						
2G108	G	P	E	AC163	AC171	AC126	2N2907	2N2429	2SB459
				AC173					
2G109	G	P	E	AC163	AC171	AC126	2N2907	2N2429	2SB459
				AC173					
2G110	G	P	E						
2G138	G	P	E	AF185					
2G139	G	P	E	AF106	AF185				
2G140	G	P	E	AU105	AU103	AF185			2SB468
2G141	G	P	E	AF106	AF185				

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2G201	G	P	E	AC153	AC117R	AC128	2N2431	2N4106	2SB370
2G202	G	P	E	AC153	AC117R	AC128	2N2431	2N4106	2SB370
2G210	G	P	E						
2G220	G	P	E	2G221					
2G221	G	P	E	2G222					
2G222	G	P	E				2N1046B		
2G240	G	P	E	AU105	AU103				2SB468
2G270	G	P	E	AC153 AC132	AC114	AC128	2N4106	2N2431	2SB222
2G271	G	P	E	AC153 AC132	AC114	AC128	2N4106	2N2431	2SB222
2G301	G	P	E	AC153 AF185	AC114	AC128	2N4106	2N2431	2SB222
2G302	G	P	E	AU105	AU103	AF185			
2G319	G	P	E	AC163 AC128	AC171	AC126	2N1190	2N2429	2SB383
2G320	G	P	E	AC163 AC128	AC171	AC126	2N1190	2N2429	2SB383
2G339	G	P	E	AC127			2N2430		2SD96
2G371	G	P	E	AC152V	AC117K	AC128	2N610		2S32
2G374	G	P	E	AC153III	AC128				2SB415
2G381	G	P	E	AC153	AC117K	AC128	2N467		2SB222
2G382	G	P	E	AC153 AC128	AC117K	AC128	2N4106	2N1373	2SB370
2G401	G	P	E	AF106	AF185	AF190			2SA230
2G402	G	P	E	AF106	AF185	AF190			2SA230
2G526	G	P	E	ASY48 ASY81	ACY24K	ASY80	2N527		2SB89
2G577	G	P	E	ASY48 ASY81	ACY24K	ASY77	2N241		2SB89
2G1024	G	P	E	ASY48 ASY81	ACY24K	ASY77	2N241		2SB89
2G1025	G	P	E	ASY48 ASY81	ACY24K	ASY77	2N241		2SB89
2G1026	G	P	E	ASY48 ASY81	ACY24K	ASY77	2N241		2SB89
2N2X	S	N	A						
2N24	G	P	A						
2N24A	G	P	A	ASY48 ACZ10	ACY24K OC77	ASY77			2SB89
2N34	G	P	A	AC126 AC125	AC128 AC122	AC151 AC124	2N2429 2N1191	2N2431	2SB101
2N34A	G	P	A	AC126 AC171	AC128 AC132	AC163	2N2429	2N2431	
2N35	G	P	A	AC127	AC179		2N2430		2SD11

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N35A	G	P	A	AC127	AC130		2N2430		2SD11
2N36	G	P	A	AC126	AC128	AC151IV	2N2429	2N2431	2SB101
				AC122	AC125	AC124	2N1191		
2N37	G	P	A	AC126	AC128	AC151IV	2N2429	2N2431	2SB220
				AC122	AC125	AC132	2N1191		
2N38	G	P	A	AC126	AC128	AC151IV	2N2429	2N2431	2SB220
				AC122	AC125	AC124	2N1191		
2N38A	G	P	A	AC126	AC128	AC151IV	2N2429	2N2431	2SB220
				AC125	AC122	AC124	2N1191		
2N40	G	P	A	AC162	AC170	AC125	2N1191	2N706A	2SB220
				AC151					
2N41	G	P	A	AC151	AC125	AC122	2N1190	2N2447	2SB459
				AC163	OC58		2N404		2SB219
2N42	G	P	A	AC151	AC125	AC122	2N1190	2N2447	2SB459
				AC163	OC70		2N404		2SB220
2N43	G	P	A	AC152	AC131-20	AC125	2N525		2SB225
				AC128					
2N43A	G	P	A	AC152	AC131/30	AC117	2N525		2SB225
				AC128	AC153				
2N44	G	P	A	AC128	AC152	AC131/30	2N2431	2N524	2SB224
				AC124	AC125				
2N44A	G	P	A	AC117	AC124	AC128			2SB33
2N45	G	P	A	AC151	AC131/30	AC125	2N524	2N404	2SB224
				AC126	AC128				
2N45A	G	P	A						
2N46	G	P	A	OC58	AC151	AC123	2N706A		2SB101
				AC125					
2N47	G	P	A	OC58	AC151IV	AC125	2N1191	2N404	2SB32
				AC122	AC123				
2N48	G	P	A	AC126	AC151	AC125	2N2431	2N1191	2SB32
				AC122	AC123		2N404		
2N49	G	P	A	AC126	AC151IV	AC125	2N2431	2N1191	2SB32
				AC122	AC123		2N404		
2N50	G	P	A	AC151	AC125	AC122	2N1191	2N404	
2N51	G	P	A	AC151	AC125	AC122	2N1191	2N404	2SB222
				AC117	AC128	AC153			
2N52	G	P	A	AC151	AC122		2N1191	2N404	2SB222
2N53	G	P	A	AC151			2N1191	2N404	
2N54	G	P	A	AC126	AC128	AC151	2N2429	2N2431	2SB224
				AC122	AC124	AC131	2N1191		
2N55	G	P	A	AC151IV	AC125	AC122	2N1191	2N404	2SB224
				AC124	AC128	AC131			
2N56	G	P	A	AC151IV	AC125	AC122	2N1191	2N404	2SB224
				AC128	AC131	AC152			
2N57	G	P	A	AC151IV	AC122	ACY33	2N1191	TI3027	
2N59	G	P	A	AC128	AC151IV	AC122	2N2431	2N1193	2SB222
				AC126	AC124	AC152	2N404		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N59A	G	P	A	AC128			2N2431		
2N59B	G	P	A	AC128			2N2431		
2N59C	G	P	A	AC128 AC126	AC151IV AC122	AC122/30 AC163	2N2431	2N1193	2SB32
2N60	G	P	A	AC128	AC153		2N2431 2N404	2N1193	2SB222
2N60A	G	P	A	AC151IV AC128	AC122 AC153	AC126 ACY33	2N1193 2N61A	2N6147	2SB222 2SA219
2N60B	G	P	A	AC151IV AC122	AC122/30	AC126	2N1193	2N6147	2SA219
2N60C	G	P	A				2N59C	2N6147	
2N61	G	P	A	AC128 AC126	AC151IV AC122	AC131	2N2431	2N1192	
2N61A	G	P	A	AC151IV AC122	AC131/30 AC152	AC126 ACY33	2N1192 2N524	2N60	
2N61B	G	P	A	AC151IV AC122	AC131/30 AC163	AC125 ACY33	2N1192 2N61	2N60	2SB220
2N61C	G	P	A	AC151IV AC122	AC131/30 AC163	AC125 ACY32	2N1192 2N61	2N60	2SB220
2N62	G	P	A	AC128 AC125	AC151IV AC122	AC131/30 AC124	2N2431 2N109	2N1191 2N403	2SB224
2N63	G	P	A	AC126 AC125	AC151IV AC128	AC122 AC132	2N2429	2N1191	SB220
2N64	G	P	A	AC126 AC125	AC151IV AC124	AC122 AC128	2N2429	2N1191	HJ15
2N65	G	P	A	AC126 AC128	AC151IV AC163	AC122	2N2429	2N1193	HJ15
2N66	G	P	A	AD155 AD148	AD162	AD139	2N643	T13027	
2N68	G	P	A	AD155 OD603	AD139	AD162	TI3027	2N156	2SB240
2N68/13	G	P	A				TI156L		
2N69	G	P	A	ACY23 AC151	AC122 ACZ10	AC125	2N1190		
2N71	G	P	A	ACY23 AC151	AC122 ACZ10	AC125	2N1190	2N404	2SB240
2N72	G	P	A	ACY23 AC151	AC122 ACZ10	AC125	2N1190	2N404	2SB240
2N73	G	P	A	ACY23 AC151	AC122 ACZ10	AC125	2N1190	2N1614	
2N74	G	P	A	ACY23 AC151	AC122 ACZ10	AC125	2N1190	2N1614	
2N75	G	P	A	AC151 ACZ10	ACY24K	AC125	2N1190	2N1614	
2N76	G	P	A	AC126 AC151	AC170 AC163	AC125	2N2429 2N1191	2N319 2N322	2SB220

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N77	G	P	A	OC58 AC163	AC126	AC122	2N2431 2N465	2N1191 2N565	2SB101
2N78	G	N	A	ASY70 ASY75	ASY29	ASY80	2N445	2N1302	HJ23D
2N78A	G	P	A						
2N79	G	P	A	AC126 AC128	AC163 AC173	AC171 AC125	2N2429	2N1191	HJ15
2N80	G	P	A	AC126 AC128	AC163 AC173	AC171 AC122	2N2429	2N508	HJ15
2N81	G	P	A	AC126 AC128	AC163 AC173	AC171 AC122	2N2429	2N1191	2SB220
2N82	G	P	A	AC126 AC128	AC163 AC173	AC171 AC122	2N2429	2N1191	2SB220
2N83	G	P	A	AD148V CTP1104	OD603	OC30	LT5036		2SB240
2N83A	G	P	A	AD148V	OD603	OC30			2SB240
2N84	G	P	A	AC153 OC30	AC124 OD603	AC128K	2N4106	2N109	2SB240
2N85	G	P	A	AC126 AC128	AC152 AC124	AC131/30 AC132	2N2429 2N109	2N1924 2N403	
N86	G	P	A	AC126 AC128	AC153 AC132	AC124R AC152	2N2429 2N403	2N4106	
2N67	G	P	A	AC128 AC132	AC153 AC152	AC124R	2N2431 2N403	2N4106	
2N88	G	P	A	AC129v OC58	OC58	AFY69	2N109 2N402	2N109	
2N89	G	P	A	AC129v	OC58	OC89	2N217	2N402	
2N90	G	P	A	OC66			2N217	2N402	
2N93	G	P	A	AC162 AC173	AC170 AC151	AC125 AC153			2SA219
2N94	G	N	A	ASY26	ASY74	OC140	2N1304		2SA219
2N94A	G	N	A	ASY26	ASY74	OC140			
2N95	G	N	A				LT5210		2SB240
2N96	G	P	A	AC163 AC173	AC171 AC125	AC128 AC151	2N331	2N403	2SB220
2N97	G	N	A	ASY28			2N444	2N1302	
2N97A	G	N	A	AC127	AC179	AC127	2N2430 2N438	2N169A	
2N98	G	N	A	ASY26	ASY73		2N1304		2SA155
2N98A	G	N	A	ASY26	ASY73		2N169A	2N444	
2N99	G	N	A	ASY26	ASY73		2N169A	2N1306	
2N100	G	N	A	ASY75	ASY73		2N446	2N1306	
2N101	G	P	A	AD155 OD603	AD139	OC30	2N68	2N307	2SB240
2N101/13	G	P	A						

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N102	G	N	A	ASY28			2N1302	LTS210	
2N102/13	G	N	A						
2N103	G	N	A	ASY28	17C122	GT35	2N650	2N1302	
2N104	G	P	A	AC126 AC128	AC153 AC122	AC124R AC125	2N2429 2N4106	2N650 2N612	2S32
2N105	G	P	A	OC58 AC122	AC126 AC125	AC162 AC163	2N2429 2N321	2N1191 2N402	2SB220
2N106	G	P	A	AC126 AC124R	AC128 AC125	AC153 OC72	2N2429 2N1191	2N2431 2N4106	2S32
2N107	G	P	A	AC126 AC170	AC128 AC125	AC162 AC122	2N2429 2N464	2N2431 2N402	2SB170
2N108	G	P	A	AC126 AC170	AC128 AC125	AC162 AC122	2N2429 2N322	2N2431	2SB170
2N109	G	P	A	AC128 AC117K	AC151VI AC125	AC153K AC132	2N2431 2N185	2N1192 2N187A	2B37
2N110	G	P	A	AC163	AC171	AC126	2N2429		2SB383
2N111	G	P	A	AF185 OC45	AF106 OC612	AF101	2N147 2N614	2N271	HJ23D 2SA206
2N111A	G	P	A	AF185	ASY26		2N218		
2N112	G	P	A	AF185 ASY26	AF126 OC45	AF137	2N450	2N579	2SA20(
2N112A	G	P	A	AF185	ASY26		2N118		
2N113	G	P	A	AF185 AF106	AF127 AF190	AF115 AF101	2N147	2N293	HJ23D
2N114	G	P	A	AF185 OC44	AF126	AF137	2N140	2N1309	
2N115	G	P	A	AD149 OC26	AD130III AD179	AD130IV AD140	T13029 2N270	2N175	2SB221
2N116	G	P	A	AC129v	OC57	OC622	2N133A	2N175	2SB39
2N117	S	N	A				2N332		
2N118	S	N	A	BD130 BDY10	AM291	BDX10	2N3055 2N119	2N118A	
2N118A	S	N	A	BD130 BDY10	AM291	BDX10	2N3055		
2N119	S	N	A	BD130 BDY10	AM291	BDX10	2N3055	2N118	
2N120	S	N	A	BD130 BDY10	AM291	BDX10	2N3055	2N118	
2N122			A						
2N123	G	P	A	AF127 ASY27	AF106 OC44	AF101	2N426	2N1303	HJ23D
2N124	G	N	A	ASY26	ASY73		2N445	2N1302	
2N125	G	N	A	ASY27	ASY74		2N585	2N1304	
2N126	G	N	A	ASY27	ASY74		2N439	2N585	
2N127	G	N	A	ASY28			2N440	2N1304	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N128	G	P	A	AF125	AF126	AF135	2N274	2N604	
2N129	G	P	A	AF125	AF135		2N373	2N603	
2N130	G	P	A	AC162	AC131	AC128	2N1191	2N1924	2SB224
				AC125	AC152		2N613	2N1056	
2N130A	G	P	A	AC162	AC131	AC128	2N650	2N1924	2SB224
				AC125	AC152		2N402	2N1413	
2N131	G	P	A	AC153	AC122	AC125	2N1192	2N568	2SB103
				AC117			2N569		
2N131A	G	P	A	AC153	AC122	AC125	2N651	2N568	2SB103
2N132	G	P	A	AC126	AC151	AC122	2N2429	2N1192	2SB103
				AC124	AC128	AC152	2N1190	2N466	
2N132A	G	P	A	AC128	AC151	AC122	2N2431	2N651	2SB32
				AC163			2N1190	2N641	
2N133	G	P	A	AC151	AC122	AC117	2N1192	2N1190	
				AC128	AC153		2N175		
2N133A	G	P	A	AC128	OC57	OC622	2N651	2N175	
2N135	G	P	A	AF185	AF126	AFY15	2N139		
				AC127	OC45	OC390			
2N136	G	P	A	AF127	AF101	AF106			
				AF190	OC45				
2N137	G	P	A	AF185	AF127	AF101			
				AF106	AF190	ASY27			
2N138	G	P	A	AC126	AC153	AC117	2N2429	2N4106	
				AC128		2N406			
2N138A	G	P	A	AC128	AC153	AC124	2N2431	2N4106	2SB222
				AC152			2N1008	2N1128	
2N138B	G	P	A	AC128	AC153	AC117	2N2431	2N4106	2SA219
				OC318			2N270		
2N139	G	P	A	AF185	AF127	AF106	2N169		2S36
				AFY15	AF190	AF101			
2N140	G	P	A	AF185	AF127	AFY15			2SA35
				AF127	SFT354	AF117			
2N141	G	P	A	AD148V	AD139	OC30	2N1038	2N1172	2SB240
				OD603					
2N141/13	G	P	A						
2N142	G	N	A				2N144		
2N142/13	G	N	A						
2N143	G	P	A	OC30	OD603		2N141	2N1038	2SB240
2N143/13	G	P	A						
2N144	G	N	A						
2N144/13	G	N	A						
2N145	G	N	A	ASY73	OC45		2N1302		2SA206
2N146	G	N	A	AUY19	ASY74		2N1302		
2N147	G	N	A	AUY19			2N1302		HJ23D
2N148	G	N	A				2N1302		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
1155	G	N	A	AD148 OC30	AD149	OC26	2N176 TI3027	2N301	2SB107
1156	G	P	A	AD149	OC26	OC30	2N2836 TI3027	2N176	2SB107
1157	G	P	A	AD150IV OC30	AD138 OD603	OC26	2N1531 2N1038	2N1022A	2SB107
1157A	G	P	A	OC26	OC30	OD603	2N1532	2N1014	
1158	G	P	A	AD166 OC30	AD149	OC26	2N2139 TI3027	TI156	
1158A	G	P	A	ASZ16			2N2141	TI3027	
1160	S	N	A				2N160A		
1160A	S	N	A				2N161A		
1161	S	N	A				2N161A		
1161A	S	N	A				2N163A		
1162	S	N	A				2N162A		
1162A	S	N	A				2N163A		
1163	S	N	A				2N163A		
1163A	S	N	A				2N162A		
1164	G	P	A				2N165		
1165	G	N	A	ASY73					
1165	G	N	A	ASY26	ASY73	ASY74	2N1304		
1167	G	N	A	ASY29			2N1090	2N1306	
1167A									
1168	G	N	A	ASY26	ASY73		2N1306		HJ23D
1168A	G	N	A	ASY75					
1169	G	N	A	AC127	ASY29	ASY75	2N1308		2S36
1169A	G	N	A	ASY75					2S36
1170	G	N	A	ASY27	ASY74		2N1308		2SA206
1172	G	N	A	ASY27	ASY74		2N1308		2SA206
1173	G	P	A	AUY21IV ASZ16	AD138/50	ADZ11	TI3027		
1174	G	P	A	ADZ12			TI3027		
1174A	G	P	A	ADZ12			TI3027		
1175	G	P	A	AC163 OC16	AC122g	AC122	2N1192		2SB221
1176	G	P	A	AD149 OD603	AD166	OC30	2N2836	TI3027	2SB107
1178	G	P	A	AD166	AD149		TI3027		2SB107
1179	G	P	A				2N176		
1180	G	P	A	AC128 AC132	AC153	AC117	2N2431 2N217	2N1192	2S32
1181	G	P	A	AC128 AC132	AC162 AC152	AC131	2N2431 2N270	2N1192	2SB222
1182	G	N	A	ASY27	ASY74	ASY73	2N1302		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N183	G	N	A	ASY27	ASY74		2N1302		
2N184	G	N	A	ASY75			2N1306		
2N185	G	P	A	AC128	AC153	AC124	2N2431	2N650	2SB22
				AC122	AC132		2N2430	2N362	
2N186	G	P	A	AC128	AC153	AC122	2N2431	2N1191	
				AC132	AC152		2N4106	2N217	
2N186A	G	P	A	AC128			2N2431	2N1191	
							2N270		
2N187	G	P	A	AC128	AC153	AC122	2N2431	2N1191	2SB22
				OC72			2N4106	2N633	
2N187A	G	P	A	AC128	AC117	AC153	2N2431	2N1191	2S37
							2N270		
2N188	G	P	A	AC128	AC153	AC122	2N2431	2N1191	2SB22
				AC117			2N2430	2N109	
2N188A	G	P	A	AC128	AC162	AC131	2N2431	2N1191	2SB22
				AC125	AC153		2N270		
2N189	G	P	A	AC126	AC162	AC131	2N2429	2N1191	2SB22
				AC128	AC122	AC125	2N270	2N465	2SB21
2N190	G	P	A	AC126	AC151	AC125	2N2429	2N1191	2SB21
				AC128	AC122	2N408			
2N191	G	P	A	AC128	AC153	AC131	2N2431	2N1192	2SB22
				AC125	AC126		2N1190	2N270	
2N192	G	P	A	AC128	AC163	AC131	2N24	2N1193	2SB22
				AC126	AC122		2N1191	2N270	
2N193	G	N	A	ASY28	AC122		2N313	2N1302	2SA31
2N194	G	N	A	ASY73	AC122		2N313	2N1302	2SA31
2N194A	G	N	A	ASY73					
2N195	G	P	A	AC128	AC131	AC132	2N2432	2N217	
							2N403		
2N196	G	P	A	AC128	AC163	AC131	2N2432	2N4106	2SB22
				AC132			2N265	2N403	
2N197	G	P	A	AC128	AC163	AC131	2N2431	2N4106	2SB22
				AC132			2N265	2N403	
2N198	G	P	A	AC128	AC163	AC131	2N2431	2N4106	2SB17
				AC132	AC162		2N217	2N403	
2N199	G	P	A	AC128	AC163	AC131	2N2431	2N4106	2SB17
				AC132	AC162		2N198	2N403	
2N200	G	P	A	AC126	AC153	AC131	2N2429	2N331	
				AC125	OC71				
2N204	G	P	A	AC151V	AC131	AC138	2N1373	2N1377	
				AC128	AC125	OC71			
2N205	G	P	A	AC151V	AC131	AC138	2N1372	2N1377	
				AC128	AC125	OC71			
2N206	G	P	A	AC126	AC128	AC153	2N2429	2N2431	2S39
				AC122	OC71	AC163	2N1191	2N1193	
2N207	G	P	A	AC122	AC163	OC71	2N1193	2N1372	2SB22
							2N1377		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1207A	G	P	A	AC151 AC107	AC122 AC150	AC125 AC162	2N1190 2N1372	2N1193 2N536	2SB221 2SB32
2N1207B	G	P	A	AC163 AC122	AC150 AC107	AC125 AC162	2N1193 2N536	2N535	2SB32
2N1211	G	N	A	ASY28	AF190	ASY29	2N1302		2SA31
2N1212	G	N	A	ASY28			2N1059	2N1302	2SA30
2N1213	G	N	A	AC127	ASY28		2N2430	2N1304	2SB37
2N1213A	G	N	A	AC127			2N2430		
2N1214	G	N	A	AC127	AC125	AC128	2N2430 2N1304	2N1192	2SB37
2N1214A	G	N	A						
2N1215	G	P	A	AC126 AC128	AC122 AC117	AC125 AC153	2N2429 2N237	2N1189 2N404	HJ15
2N1216	G	N	A	AC127 ASY28	AC130 OC139	AC128	2N302		
2N1217	G	P	A	AC128 AC106	AC151V AC132	AC131/30	2N2431 2N4106	2N1192 2N404	HJ17D
2N1218	G	P	A	AF185 AF101	AC121IV AF181	AFY15 OC45	2N404		HJ22D
2N1219	G	P	A	AF185 AFY15	AC121V AF101	AC131V ASZ20	2N404		HJ23I
2N1220	G	P	A	AC126			2N2429	2N1189	
2N1222	G	P	A	AC126			2N2429	2N2439	
2N1223	G	P	A	AC128	AC153	AC117	2N2431 2N4106	2N1193 2N404	2SB222
2N1224	G	P	A	AC153	AC117	AC128	2N1192 2N404	2N4106	2SB222
2N1225	G	P	A	AC128 AC106	AC153 AC117	AC131	2N2431 2N4106	2N1193 2N404	2SB226
2N1226	G	P	A	AC128 OC308	AC153	AC117	2N2431 2N1406	2N1192 2N404	2SB226
2N1227	G	P	A	AC128 OC308	AC153	AC117	2N2431 2N270	2N1406 2N404	2SB226
2N1228	G	P	A	AC127 AC128	AC153 AC152	AC131	2N2430		2SB37
2N1229	G	N	A	AC127	AC130		2N2430	2N1302	2SB32
2N1230	G	P	A	AD149	OC30	OC26	2N2836	2N325	2SB107
2N1231	G	P	A	AF126 OC45	AF137	AF136	2N404	2N218	
2N1232	G	P	A	AF126 OC45	AF137	AF136	2N404	2N218	
2N1233	G	N	A	AC127	AC130		2N1306		
2N1233A	G	N	A	AC130					
2N1234	G	P	A	AD149	OC30	OC26	2N2836 TI156	2N554 2N301	2SB107
2N1234A	G	P	A	AD149	AD150		2N2836	2N555	2SB107

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N235	G	P	A	AD149 AC128	AD131	OC26	2N2836 2N301	2N350A TI3027	2SB222
2N235A	G	P	A	AD149 OC26	AD131	AUY19	2N2836 2N301	2N3611 TI3027	
2N235B	G	P	A	AD149	AD131	OC26	2N2836 TI3027	2N3613	
2N236	G	P	A	AD149 AC117	AD131	AC128	2N2836 2N235	2N350A TI3027	2SB250A
2N236A	G	P	A	AD131 OC26	AUY19	AD149	2N351A TI3027	2N301	
2N2368	G	P	A	AD131 OC30	AD149	OC26	2N376A TI3027	2N1078	2SB107A
2N237	G	P	A	AD131 AC153	AC128 OC72	AC117	2N220	2N404	HJ15
2N238	G	P	A	AC126 AC122r	AC128 AC132	AC153 OC72	2N2429 2N1192	2N2431 2N4106	2SB101
2N239	G	P	A	AC153 AC117	AC122r AC128	AC128	2N4106		2SB226
2N240	G	P	A	AC163	AC122r	AC125	2N404	2N582	2SB32
2N241	G	P	A	AC163 AC117	AC131 AC153	AC128	2N321 2N281	2N4106 2N404	2SB221
N241A	G	P	A	AC128	AC117	AC153	2N2431 2N270	2N321	2SB226
N242	G	P	A	AC128 AC117	AC163 AC153	AC131 AD149	2N2431 2N281	2N4106 2N1501	2SB221 2SB248A
2N243	S	N	A	BSX45	BFY10				
2N244	S	N	A	BFY10					
2N247	G	P	A	AF185 AF116	AF126 AF125	AF136	2N2188		2S43
2N248	G	P	A	AF185 AF116	AF126 AF125	AF136	2N2188	2N267	2SA215
2N249	G	P	A	AC128	AC153	AC117	2N2431	2N270	2SB226
2N250	G	P	A	AD149 AC128	AD130V AC153	AD138	2N2836 2N250	2N3611 2N456A	2SB226
2N250A	G	P	A	AD149			2N2836	2N3611	
2N251	G	P	A	AUY22III OD603	OC30	ASZ15	2N1530 2N456A	2N301A	2SB201 2SB107
2N251A	G	P	A	ASZ16			2N3616 2N456A	2N251	
2N252	G	P	A	AF185 AF101	AF127 OC613	AF106	2N374	2N2188	ST37D
2N253	G	N	A	ASY73			2N1302		2SA31
2N254	G	N	A	ASY73			2N1302		2SA31
2N255	G	P	A	AD149	AD148	OC26	2N2836 2N301	2N554 TI3027	2SB107
2N255A	G	P	A	AD149			2N2836		
2N256	G	P	A	AD149 OC30	AD148	OC26	2N2836 2N301	2N555 TI3027	2SB107

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N256A	G	P	A	AD149	AD148		2N2836	TI3027	
2N257	G	P	A	AD149 AD138	AD150IV OC26	AD150V	2N2836 2N301	2N3611 TI3027	2SB107A
2N257A	G	P	A	AD149			2N2836		
2N257B	G	P	A				2N257W		
2N2575	G	P	A	AD149			2N2836 2N257W	2N257B	
2N257W	G	P	A	AD149			2N2836		
2N263	S	N	A						
2N264	S	N	A				2N337		
2N265	G	P	A	AC128 AC132	AC151 AC163	AC122	2N2431 2N408	2N1175	2SB221
2N266	G	P	A	AC128 AC132	AC151 AC163	AC122	2N2431 2N381	2N408	2SB219
2N267	G	P	A	AF185 AF126	AF126 AF116	AF136 AF125	2N247	2N2188	2SA215
2N268	G	P	A	AD132II	ASZ15	OC36	2N1530 TI3027	2N301	2SB2·
2N268A	G	P	A	ASZ15			2N1536	TI3027	
2N269	G	P	A	ASZ15	ASY26	ASY27	TI3027	2N1303	
2N270	G	P	A	AC128 AC106	AC153	AC151	2N2431 2N4106	2N1193 2N404	HS34
2N271	G	P	A	AF185 OC44	ASY27	AFY	2N2905 2N1707	2N404 2N1307	
2N271A	G	P	A	AF185	OC44		2N404	2N1307	
2N272	G	P	A	AC126 AC117R	AC128 GFT32	AC153 OC72	2N2429 2N4106	2N2431 2N273	2SB33
2N273	G	P	A	AC128 AC132	AC153	AC117	2N2431 2N109	2N4106	2SB33
2N274	G	P	A	AF126			2N2188		
2N277	G	P	A	ADZ11	ADZ11				
2N278	G	P	A	ADZ11					
2N279	G	P	A	AC128 AC125	AC151IV AC131	AC122/30 AC152	2N2431 2N4106	2N650 2N119	2SB37
2N280	G	P	A	AC126 AC122/30	OC71 AC125	AC151V AC117	2N2429 2N650	2N280 2N4106	2SB33
2N281	G	P	A	AC128 AC125	AC153 AC117	AC122/30 AC132	2N2431 2N4106	2N651 2N2907	2SB221
2N282	G	P	A	AC128 AC125	AC153 AC117	AC122/30 AC132	2N4106		2SB225
2N283	G	P	A	AC151 AC126	AC122 AC131	AC125 AC152	2N650 2N403	2N4106 2SB220	2SB225
2N284	G	P	A	AC151 AC131	AC122/30 AC152	AC122 ASY76	2N464	2N563	2SB219
2N284A	G	P	A	ASY48IV					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N285	E	P	A	AD149 ASZ15	AUY22III	AUY28	2N2836 2N301	2N3617 TI3027	
2N285A	G	P	A	AD149			2N2836	2N3617	
2N285B	G	P	A	AD149			2N2836		
2N290	G	P	A	AD149			2N2836		
2N291	G	P	A	AC128 AC117	AC153	AC131	2N2431 2N4106	2N1191	2SA219
2N292	G	N	A	ASY74	ASY26		2N1302		2SA31
2N292A	G	N	A				2N164A		
2N293	G	N	A				2N1304		HJ23D
2N296	G	P	A	AD149	OC30	OD603	2N1531 2N3146	2N456A	2SB107
2N297	G	P	A	AD131IV ASZ15	AD138/50 OD603	OC30	2N297A TI3028	TI3027	2SB252
2N297A	G	P	A	ASZ15	AD131IV		2N457	2N2188	
2N299	G	P	A	AF124 AF114	AF135 AF130	AF194	2N623	2N2188	2SA116
2N300	G	P	A	AF178 AF194	AF124 AF114	AF135	2N2495	2N2188	2SA116
N301	G	P	A	AD149 OC16	AD131 AD148	AD138/50 ASZ16	2N2836 2N257	2N3611	HJ35
N301A	G	P	A	ASZ15	OC22		2N3612		2SB42
2N302	G	P	A	AC128 AC117	AC153 ASY27	AC131	2N2431 2N1431	2N4106	2SB34
2N303	G	P	A	AC128 ASY27	AC117	AC153	2N2431	2N269	2SB34
2N306	G	N	A	ASY28					2SB32
2N306A	G	N	A	AC127			2N2430		
2N307	G	P	A	AC162 AC128	AC122 AC125	OC30 OC26	2N4106	2N301	2SB240
2N307A	G	P	A	AD149 OD603	OC26	OC30	2N2836	2N853	2SB41
2N308	G	P	A	AF185 AF117	AF127	AF101	2N373	2N799	2SA155
2N309	G	P	A	AF185 OC45	AF126 AF131	AF137	2N373	2	2SA156
2N310	G	P	A	AF185 AF116	AF126 AF127	AF136	2N1111	2N1122	2SA156
2N311	G	P	A	AC153 AC117	AC131 AC126	AC128	2N4106 2N461	2N404	2SA156 2SB220
2N312	G	P	A	AC153 AC117	AC131 AC126	AC128	2N4106	2N585	2SD11
2N313	G	N	A				2N292		2SA31
2N314	G	N	A				2N293		2SA30
2N315	G	P	A	ASY27			2N578		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N315A	G	P	A						
2N316	G	P	A	ASY27			2N579		
2N316A	G	P	A						
2N317	G	P	A	ASY27			2N592	2N582	
2N317A	G	P	A						
2N318	G	P	A	AC125	AF135	AF125			
				AF126	AF136				
2N319	G	P	A	AC128	AC151	AC117	2N2431	2N270	2SB219
				AC122	AC126				
2N320	G	P	A	AC126	AC151	AC117	2N2429	2N319	2SB220
				AC128	AC190	AC153	2N270		
2N321	G	P	A	AC126	AC151V	AC117	2N2429	2N319	2SB226
				AC128	AC190	AC153	2N270		
2N322	G	P	A	AC128	ASY26	AC117	2N2431	2N319	2SB221
				AC153			2N1130		
2N323	G	P	A	AC128	ASY26	AC132	2N2431	2N319	2SB222
				AC153			2N270		
2N324	G	P	A	AC128	AC153	AC117	2N2431	2N319	2SB222
				AC118			2N4106	2N407	
2N325	G	P	A	AD149	OC30	OD603	2N2836	2N3611	2SB107
2N326	G	N	A						2SB41
2N327	S.	P	A	BCY27	BC177	BC210			
				BCZ61	BCZ12	BCZ04			
2N327A	S	P	A						
2N327B	S	P	A						
2N328	S	P	A	BCZ10	GFT31/15	SFT124			2SB34
2N328A	S	P	A						
2N328B	S	P	A						
2N329	S	P	A	GFT31/15	SFT124				2SB34
2N329A	S	P	A	BCY29	BCY32				
2N329B	S	P	A						
2N330	S	P	A	GFT31/15	SF124			2SB34	
2N330A	S	P	A						
2N331	G	P	A	AC117	AC128	AC153	2N4106	2N1291	2SB225
							2N1502		
2N332	S	N	A	BC140-6					
2N332A	S	N	A	BC140-6	BFY10				
2N333	S	N	A	BC140-6	BSY44	BFY11			
2N333A	S	N	A						
2N334	S	N	A	BC140-6	BSY44	BSY11			
2N334A	S	N	A						
2N335	S	N	A	BC140-6	BSY44	BSY11			
2N335A	S	N	A						
2N335B	S	N	A						

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N336	S	N	A	BC140-10	BFY11				
2N336A	S	N	A	BC140-16	BSY44	BSY11			
2N337	S	N	A	BSY11					
2N337A	S	N	A						
2N338	S	N	A	BFY11					
2N338A	S	N	A	BSY11					
2N339	S	N	A	BSY10					
2N339A	S	N	A						
2N340	S	N	A						
2N340A	S	N	A	BSX46					
2N341	S	N	A	BF178	BF114	BF109			
				BFY43					
2N341A	S	N	A						
2N342	S	N	A	BSY10					
2N342A	S	N	A						
'N342B	S	N	A						
\N343	S	N	A	BCY59	BSY10				
\N343A	S	N	A						
\N343B	S	N	A						
2N344	G	P	A	AC126	AF137	AF126	2N274	2N345	HJ74
				AF153	AF116	AF124	2N404		HJ75
2N345	G	P	A	AC126	AF137	AF126	2N274	2N404	HJ75
				AF153	AF116	AF124			
2N346	G	P	A	AF114	AF124	AF135	2N404	2N504	2SA235
2N350	G	P	A	AD149	AD138	DC26	2N2836	2N301	2SB248
				OC30			TI3027		
2N350A	G	P	A	AD149			2N2836		
2N351	G	P	A	AD149	OC30		2N2836	TI3027	2SB41
2N351A	G	P	A	AD149			2N2836		
2N352	G	P	A	AD149	OC30		2N2836	2N1536	2SB41
2N353	G	P	A	AD149	OC30		2N2836	2N1536	2SB41
2N354	S	P	A	BCZ11					
2N356	G	N	A	ASY73			2N1302		
2N356A	G	N	A						
2N357	G	N	A	ASY75			2N1302		
2N357A	G	N	A						
2N358	G	N	A	ASY28	ASY75		2N1304		
2N358A	G	N	A						
2N359	G	P	A	AC153	AC117R	AC128	2N652	2N369	HJ17D
				OC72					
2N360	G	P	A	AC153	AC117	AC128	2N1192	2N369	HJ17D
2N361	G	P	A	AC153	AC131	AC128	2N1191	2N363	2SB226
				AC117					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2ΠN362	G	P	A	AC126 AC128	AC153 AC125	AC131	2N2429	2N1192	2SB227
2ΠN363	G	P	A	AC126 AC128	AC153 AC125	AC131	2N2429	2N1192	2SB227 2SB226
2ΠN364	G	N	A	AC127			2N2430		
2ΠN365	G	N	A	AC127			2N2430		2166
2ΠN366	G	N	A	AC127			2N2430		
2ΠN367	G	P	A	AC126 AC128	AC153 AC125	AC131	2N2429	2N1191	2SB101
2ΠN368	G	P	A	AC126 AC128	AC153 AC131	AC122 AC132	2N2429	2N1191	2SB101
2ΠN369	G	P	A	AC127 AC128	AC153	AC117	2N2430 2N4106	2N1191 2N2429	HJ17D
2ΠN370	G	P	A	AF185 AF115	AF125 AF124	AF135 OC614	2N3324		HJ32
2ΠN371	G	P	A	AF185 AF116	AF126 AF124	AF136	2N3324	2N426	HJ37
2ΠN372	G	P	A	AF185 AF116	AF126 AF124	AF136	2N3324		HJ72
2ΠN373	G	P	A	AF185 AF131	AF126 AF116	AF136 AF117	2N2188		HJ73
2ΠN374	G	P	A	AF185 AF115	AF125 AF117	AF135 AF124	2N3325	2N384	HJ74
2ΠN375	G	P	A	AC153 AC105	AC117	AC128	2N4106 2N1437	2N1324	2SB249
2ΠN376	G	P	A	AD149	OC30	OC26	2N2836		2SB107A
2ΠN376A	G	P	A						
2ΠN377	G	N	A	AC153V	ASY75		2N357	2N1302	2SD11
2ΠN377A	G	N	A						
2ΠN378	G	P	A	AC153	AC117	AC128	2N4106 TI3027	2N561	2SB246
2ΠN379	G	P	A	ADZ11			2N379 TI3029	TI3027	
2ΠN380	G	P	A	AD149	ASZ15		TI3027	TI3030	
2ΠN381	G	P	A	AC153 AC162	AC117R ASY26	AC128	2N4106 2N1305	2N270	2SB219
2ΠN382	G	P	A	AC153 AC128	AC117	AC125	2N270		2SB220
2ΠN383	G	P	A	AC153 AC125	AC131 AC106	AC128 AC117	2N4106	2N270	2SB221
2ΠN384	G	P	A	AF118 AF135	AF137 AF136	AF127	2N3325 2N2189	2N4033	HJ74
2ΠN385	G	N	A	AC153V	ASY75	OC141	2N357	2N1304	2SD11
2ΠN385A	G	N	A						
2ΠN386	G	P	A	AC153 AC128	AC117	AC125	2N1531 MP689	2N651A	2SB247

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N387	G	P	A	AC153 AC128	AC117	AC125	2N1531 2N1433	2N1358	2SB247 2SB252
2N388	G	N	A	AC127	ASY29		2N375	2N1308	
2N388A	G	N	A	BUY13					
2N389	S	N	A	BDY39 BLY17	AM39	BDY11	2N3445	2N3055	
2N389A	S	N	A						
2N391	G	P	A	AC153 AC128	AC117	AC125	2N651A		
2N392	G	P	A	AUY21IV	AD138/50	ASZ16	2N1550	TI3027	
2N393	G	P	A	ASZ20			2N967		
2N393A	G	P	A						
2N394	G	P	A	AC152V	OC80	OC76	2N404		
2N395	G	P	A	AF126	AF137	ASY26	2N581	2N1308	2SA205
2N396	G	P	A	ASY26 OC45	AF127	AF137	2N393 2N1305	2N404	2SA206
2N397	G	P	A	ASY26	2G397		2N582	2N1307	
2N398	G	P	A	ASY77					
2N398A	G	P	A				2N2043		
2N398B	G	P	A				2N2043		
2N399	G	P	A	AD149	OC30	OC26	2N2836 TI3027	2N351A	2SB107
2N400	G	P	A	AD149 OC26	AD131	OC30	2N2836 TI3027	2N350A	2SB107
2N401	G	P	A	AD149 OC30	AD131 SFT232	AUY19	2N2836	2N3611	2SB107
2N402	G	P	A	AC153 AC132	AC131 AC152	AC128	2N1191 2N406	2N1924	2SB219
2N403	G	P	A	AC153 AC131	AC117 AC152	AC128	2N1191	2N215	2SB220
2N404	G	P	A	ASY27	ASY26				
2N404A	G	P	A						
2N405	G	P	A	AC126 AC125	AC153 AC128	AC117 AC132	2N2429 2N4106	2N322	2SB32
2N406	G	P	A	AC126 AC122	AC151 AC128	AC125 AC132	2N2429 2N323	2N322	2S44
2N407	G	P	A	AC128 AC132	AC153	AC117R	2N2431	2N324	2S33
2N408	G	P	A	AC128	AC132	AC153	2N2431	2N324	HJ51
2N409	G	P	A	AF185 AF190	AF127 AF117	AF136 AF126			2S31
2N410	G	P	A	AF185 AF181	AF126	AF127			HJ56
2N411	G	P	A	AF185 AF126	AF117	AF126			2S30

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N412	G	P	A	AF185 AF127	AF117	AF126			HJ57
2N413	G	P	A	AF126 AF190	AF137 ASY26	SET316	2N218		HJ56
2N413A	G	P	A	ASY26			2N218		
2N414	G	P	A	AF126 AF188	AF137	SET316	2N218		
2N414A	G	P	A	AF126	AF188		2N218		
2N414B	G	P	A				2N1307		
2N414C	G	P	A						
2N415	G	P	A	AF126 AF127	AF137 AF187	SET316	2N274 2N374	2N271	
2N415A	G	P	A				2N374	2N1307	
2N416	G	P	A	AF126 AF188	AF137	SET316	2N247	2N1309	
2N417	G	P	A	AF126 AF188	AF137	SET316	2N247	2N1309	
2N418	G	P	A				2N1537	2N1100	
2N419	G	P	A	AC153 AC128	AC117 AD149	AC125	2N561		2SB248A
N4420	G	P	A	AUY21II	AUY28	ASZ18	2N1535		
N4420A	G	P	A	ASZ18			2N1537		
N4422	G	P	A	AC126 AC125	AC153 AC128	AC117 AC132	2N2429	2N651	2SB220
N4424	S	N	A	BLY17			2N3446		
N4424A	S	N	A				2N3446		
N4425	G	P	A	ASY27	ASY22		2N1305		
N4426	G	P	A	AF126 AF137	AF136	AF116	2N578	2N1305	HJ37
N4427	G	P	A	AF127 AF101	AFY15 1	OC45	2N579	2N1307	2SA206
N4428	G	P	A	ASY27 OC45	AF127 AF101	AFY15	2N1307	2N1309	2SA206
N4428A	G	P	A						
N4438	G	N	A						
N4438A	G	N	A				2N1302	2N1304	
N4439	G	N	A						
N4439A	G	N	A				2N357	2N1306	
N4440	G	N	A						
N4440A	G	N	A				2N358	2N1306	
N4441	G	P	A	ADZ11					
N4442	G	P	A	ADZ11	ADZ12				
N4443	G	P	A	ADZ12	DSZ16				
N4444	G	N	A				2N1012	2N1059	2SD11

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N444A	G	N	A						
2N445	G	N	A				2N356		
2N445A	G	N	A						
2N446	G	N	A				2N357		
2N446A	G	N	A						
2N447	G	N	A				2N358		
2N447A	G	N	A						
2N447B	G	N	A						
2N448	G	N	A	ASY29					
2N449	G	N	A						
2N450	G	P	A	AF127 AF101	AFY15	OC45	2N1308		2SA20
2N456	G	P	A	ASZ17			2N456A		
2N456A	G	P	A	ASZ16					
2N456B	G	P	A				2N1553		
2N457	G	P	A	AD131	ASZ17		MP251		
2N457A	G	P	A						
2N457B	G	P	A				2N1553		
2N458	G	P	A	AUY22II ASZ18	AUY21II	AUY28	2N458A	2N561	
2N458B	G	P	A				2N1555		
2N459	G	P	A				2N378		
2N459A	G	P	A						
2N460	G	P	A	AC128 AC105	AC153 AC117	AC131	2N2431 2N1303	2N4106	2SB224
2N461	G	P	A	AC128	AC153	AC117	2N2431	2N331	2SB22C
2N462	G	P	A	AC153 AC128	AC117 OC72	OC73	2N331		2SB22C
2N463	G	P	A	AD156	OC30	AD148	2N1555	2N1551	2SB107
2N464	G	P	A	AC128 AC125	AC162 AC131	AC122 AC152	2N2431 2N270	2N4270	2SB219
2N465	G	P	A	AC128 ASY77	AC153	AC117	2N2431	2N270	2SB22C
2N466	G	P	A	AC128 AC126	AC151VI AC153	AC117	2N2431 2N1274	2N270	2SB22C 2SB222
2N467	G	P	A	AC128 AC126	AC153 ASY80	AC171	2N2431	2N585	2SB227
2N469	S		A						
2N469A	G		A						
2N470	S	N	A	BSX45/6	BFY10	BFY49	2N706		
2N471	S	N	A	BSX45/6	BFY10	BFY49	2N706		
2N471A	S	N	A	BFY10	BFY49		2N706		
2N472	S	N	A	BSX45/6	BFY10	BFY49	2N706		
2N472A	S	N	A	BFY10					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
W473	S	N	A	BSX45/6	BFY11	BFY49	2N706		
W474	S	N	A	BFY11	BFY69		2N706		
W474A	S	N	A	BFY10	BFY69		2N706		
W475	S	N	A	BSX45/6	BFY11		2N706		
W475A	S	N	A						
W476	S	N	A	BCY65	BSY11		2N706		
W477	S	N	A	BCY65	BSY11		2N706		
W478	S	N	A	BCY65	BSY11		2N706		
W479	S	N	A	BCY65	BSY11		2N706		
W479A	S	N	A						
W480	S	N	A	BCY65	BSY11		2N706		
W480A	S	N	A						
W481	G	P	A	AF185 AF190	AF126	AFY15	2N371		
W482	G	P	A	AF185 AF190	AF126	AFY15	2N373	2N2189	
W483	G	P	A	AF185 AF190	AF126	AFY15	2N373	2N2189	
W484	G	P	A	AF185	AF126	AFY15	2N373	2N2190	
W485	G	P	A	AF185 AF190	AF126	AFY15	2N374	2N2190	
W486	G	P	A	AF185					
W487									2SA32
W489									
W489A									
W489B									
W490									
W490A									
W490B									
W490C									
W491									
W491A									
W491B									
W492									
W492A									
W492B									
W492C									
W493									
W493A									
W493B									
W494									
W494A									
W494B									

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N494C									
2N495	S	P	A	BCY28	BC177	BCZ11	2N354	2N2945	
2N496									
2N497	S	N	A				2N3498		
2N497A	S	N	A						
2N498	S	N	A				2N3498		
2N498A	S	N	A						
2N499	G	P	A	AF106	AF137	AF102	2N3328	2N371	
							2N2188		
2N499A	G	P	A				2N3323		
2N500	G	P	A				2N3323	2N2189	
2N501	G	P	A	AF106	AF137	AF102	2N960	2N2189	
2N501A	G	P	A				2N960		
2N502	G	P	A	ASZ21			2N3283	2N2189	
2N502A	G	P	A				2N3284		
2N502B	G	P	A						
2N503	G	P	A	ASZ21			2N3284	2N2189	
2N504	G	P	A	AF185	AF124	AF134	2N3323	2N373	2SA235
				AF114	AF135		2N2189		
2N505									
2N506	G	P	A	AC151	AC125	AC122			
				AC163	OC71				
2N507	G	P	A	AC127			2N2430		
2N508	G	P	A	AC126	2G508		2N2429		
2N508A	G	P	A	AC126			2N2429	2N1189	
2N509	G	P	A				2N1195		
2N511	G	P	A	ADY26			2N1554	2N456A	
							2N1100		
2N511A	G	P	A				2N1555		
2N511B	G	P	A				2N1556		
2N512	G	P	A				2N1558	2N456A	
2N512A	G	P	A				2N1559		
2N512B	G	P	A				2N1560		
2N513	G	P	A				2N1163	2N456A	
2N513A	G	P	A				2N1165		
2N513B	G	P	A				2N1167		
2N514	G	P	A	ADY26			2N1163	2N1100	
2N514A	G	P	A				2N1165		
2N514B	G	P	A				2N1167		
2N515	G	N	A	ASY26	ASY73		2N1304		
2N516	G	N	A	ASY26	ASY73		2N1304		
2N517	G	N	A	ASY26	ASY73		2N1306		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N518	G	P	A				2N404		
2N519	G	P	A	AC153	AC117R	AC128	2N404	2N578	
2N519A	G	P	A						
2N520	G	P	A	ASY26			2N404	2N578	
2N520A	G	P	A						
2N521	G	P	A				2N579	2N1377	
2N521A	G	P	A						
2N522	G	P	A				2N522A	2N1309	
2N522A	G	P	A						
2N523	G	P	A				2N1305	2N1377	
2N523A	G	P	A						
2N524	G	P	A	ASY48IV AC128	AC152 OC76	AC131/50	2N586	2N1305	2SB224
2N524A	G	P	A						
2N525	G	P	A	ASY48IV OC80	AC152 AC153	ASY26 OC72	2N1191	2N1373	2SB225
2N525A	G	P	A						
2N526	G	P	A	ASY48VI AC117	ASY80 AC128	ASY26 AC153	2N586	2N1307	2SB226
2N526A	G	P	A						
2N527	G	P	A	ASY48VI AC131/50	AC152 AC117	ASY80 AC128	2N586	2N1307	2SB22[illegible]
2N527A	G	P	A				2N1307		
2N529	G	P	A				2N1303		
2N530	G	P	A	ASY48IV	AC122gr	AC122	2N404	2N1303	2SB264
2N531	G	P	A				2N1305		
2N532	G	P	A				2N1305		
2N533	G	P	A				2N1305		
2N534	G	P	A				2N1189		
2N535	G	P	A	AC126 AF181	AC117	AC153	2N2429 2N404	2N1192	2SB264
2N535A	G	P	A	AC126			2N2429	2N1192	
2N535B	G	P	A						
2N536	G	P	A	AF181			2N1193	2N404	
2N537	G	P	A	AF139	AF186				
2N538	G	P	A	AUY21II OC26	AUY28	ASZ18	2N2140	TI3027	
2N538A	G	P	A				2N2140		
2N539	G	P	A	ADY26	ASZ15	ASZ18	2N2145	TI3027	
2N539A	G	P	A				2N2145		
2N540	G	P	A	AD138/50	ASZ18	OC26	2N1551	TI3027	
2N540A	G	P	A				2N1551		
2N541	S	N	A	BCY59	BSY44	BSY11			

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N544	G	P	A	AF185 AF116	AF126	AF138			HJ75
2N547	S	N	A				2N3766		
2N548	S	N	A				MJ3101		
2N549	S	N	A				2N1893	2N2243A	
2N550	S	N	A				2N1893	2N2243A	
2N551	S	N	A				2N1893	2N2243A	
2N552	S	N	A				2N1893	2N2243A	
2N553	G	P	A	ASZ15			2N2144		
2N554	G	P	A	AD149IV			TI301 TI3027	2N301	
2N555	G	P	A	AD149IV			TI3027		
2N556	G	N	A	ASY75			2N1551	2N1302	
2N556A	G	N	A						
2N557	G	N	A	ASY75			2N1304		
2N557A	G	N	A						
2N558	G	N	A	ASY75			2N1306		
'N558A	G	N	A						
'N559	G	P	A				2N645		
'N560	S	N	A						
'N561	G	P	A	AD131 ASZ18	AD149	ASZ15	2N456A	2N618	2SB249
.N563	G	P	A	AC128 AC152	AC153 OC76	AC131	2N2431 2N1924	2N650	2SB219
2N564	G	P	A	AC128 OC76	AC152	AC131	2N2431	2N650	2SB224
2N565	G	P	A	AC128 OC72	AC153	AC117	2N2431	2N651	2SB101
2N566	G	P	A	AC128 OC72	AC153	AC117	2N651		2SB101
2N567	G	P	A	AC128 AC152	AC157 OC76	AC131	2N2431	2N651	2SB103
2N568	G	P	A	AC128 OC72	AC153	AC117	2N2431	2N651	2SB103
2N569	G	P	A	AC128 OC72	AC153	AC117	2N24	2N1193	2SB103
2N570	G	P	A	AC128	AC153	AC117R	2N2431	2N1192	
2N571	G	P	A	AC128	AC153	AC117R	2N2431	2N1193	
2N572	G	P	A	AC128	AC153	AC117R	2N2431	2N1193	
2N573	G	P	A						
2N574	G	P	A	AUY20VI	ADZ12	AUY22	2N1550 2N1022A	2N456A	
2N574A	G	P	A				2N1551		
2N575	G	P	A	AUY20VI AUY22	ADY36	ADY26	2N1554		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N575A	G	P	A				2N1555		
2N576	G	N	A	ASY26	ASY73		2N1304	2N1306	
2N576A	G	N	A						
2N578	G	P	A				2N404		
2N579	G	P	A	AF127	AF101	OC45	2N404		
2N580	G	P	A				2N1307	2N1309	
2N581	G	P	A						
2N582	G	P	A						
2N583	G	P	A	AFY12	ASY27				
2N584	G	P	A						
2N585	G	P	A	AC117	AC153	ASY25			2SB225
2N586	G	P	A	AC153 AC117	AC131 AC132	AC128	2N1191		2SB225
2N587	G	N	A						2ST11
2N588	G	P	A	ASZ21			2N3324		
2N589	G	P	A	ASZ21			2N3324	2N1532	
2N591	G	P	A	AC126 AC122	AC153VI AC128	AC122/30	2N2429	2N1192	2SB100
2N591/5	G	P	A	AC126			2N2429		
2N592	G	P	A	AC153 AC152	AC131	OC76	2N607	2N608	2SB65
2N593	G	P	A	AC153 AC152	AC131	OC76	2N604	2N608	2SB65
2N594	G	N	A						
2N595	G	N	A						
2N596	G	N	A						
2N597	G	P	A	AC153 AC117	AC131 OC72	AC128	2N3427	2N1305	2SB225
2N598	G	P	A				2N3427 2N1998	2N1997	
2N599	G	P	A				2N3428 2N1999	2N1997	
2N600	G	P	A				2N3427 2N1998	2N1997	
2N601	G	P	A				2N3428 2N1999	2N1997	
2N602	G	P	A	AC152 AC131	ASY24	AC128	2N643	2N2635	2SB65
2N602A	G	P	A						
2N603	G	P	A	AC152 AC131	ASY24	AC128	2N644	2N2635	2SB65
2N603A	G	P	A						
2N604	G	P	A	AC152 AC131	ASY24 AC152	AC128 OC76	2N645	2N2635	2SB65

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N604A	G	P	A						
2N605	G	P	A	AC152 AC131	ASY24 OC307	AC128	2N608	2N2635	2SB65
2N606	G	P	A	AC152 AC131	ASY24 OC76	AC128	2N603	2N2635	2SB65
2N607	G	P	A	AC152 AC131	ASY24 OC76	AC128	2N605	2N2635	2SB65
2N608	G	P	A	AC152 AC131	ASY24 OC72	AC128	2N605	2N2635	2SB65
2N609	G	P	A	AC128	AC153	AC117R	2N2431 2N217	2N1193 2N404	
2N610	G	P	A	AC128 OC72	AC153	AC117	2N2431 2N217	2N1193 2N404	2SB222
2N611	G	P	A	AC128 OC72	AC153	AC117	2N2431 2N217	2N1192 2N1309	2SB222
2N612	G	P	A	AC128 AC131	AC152 ASY26	AC122	2N2431 2N217	2N1191	2SB224
2N613	G	P	A	AC128 AC131	AC152 ASY26	AC122	2N2431 2N217	2N1191 2N270	2SB224
2N614	G	P	A	AF185	AF127	AF137	2N373		
N615	G	P	A	AF185	AF127	AF137	2N373		
N616	G	P	A	AF185					
N617	G	P	A	AF185	AF106	AFY15	2N374		
N618	G	P	A	AD131 ADZ12	AD138/50	OC28	2N561		2SB249
2N619	S	N	A						
2N620	S	N	A	BFY11					
2N621	S	N	A						
2N622	S	N	A						
2N623	G	P	A	AF124 AF135	AF134	AF130	2N645		2SA116
2N624	G	P	A	AC153	AF134	AC128	2N188	2N2188	
2N627	G	P	A						
2N628	G	P	A				2N561	TI3027	
2N629	G	P	A	ADZ12			2N561	TI3027	
2N630	G	P	A				2N1014	TI3027	
2N631	G	P	A	AC128 OC72	AC153 ASY26	AC124	2N2431 2N404	2N1194	2SB33
2N632	G	P	A	AC128 OC76	AC131	AC152	2N2431 2N404	2N1193	2SB37
2N633	G	P	A	AC128 OC76	AC153 AC117	AC131 OC72	2N2431 2N404	2N1192	2SB37 2SB220
2N634	G	N	A						
2N634A	G	N	A				2N1304	2N1306	
2N635	G	N	A				2N1091	2N1304	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
W635A	G	N	A						
W636	G	N	A				2N1091	2N1304	
W636A	G	N	A						
W637	G	P	A	AD131	OC28	OD605	2N1535 2N638	2N561	2SB248A
W637A	G	P	A				2N1537	2N561	
W637B	G	P	A				2N1538		
W638	G	P	A	AC153 OC28	AC131	OC76	2N1530 2N637	2N561	2SB248A
W638A	G	P	A				2N1532	2N561	
W638B	G	P	A				2N1533	2N561	
W639	G	P	A				2N1530	2N561	
W639A	G	P	A				2N1532 2N561	2N456A	
W639B	G	P	A				2N1533		
W640	G	P	A	AF185 AF115	AF125 AF116	AF136 AF126	2N642	2N2188	2SA114
W641	G	P	A	AF185 AF126	AF125 AF132	AF136			2SA114
W642	G	P	A	AF185 AF132	AF126 AF137	AF136			2SA114
W643	G	P	A				2N2955 2N2635	2N1309	
W644	G	P	A				2N2955 2N2635	2N1309	
W645	G	P	A				2N2955 2N2635	2N1309	
W647	G	N	A	AC127	ASY29		2N2430	2N1306	
W648									
W649	G	N	A	AC127			2N2430	2N1308	
W650	G	P	A	AC153 OC318	AC117	AC128	2N1997		2SB247
W650A	G	P	A						
W651	G	P	A	AC153	AC117	AC128	2N1997		2SB247
W651A	G	P	A	AC117	AC128	AC153	2N1997		2SB247
W652	G	P	A	AC153 AC117	ASY26	AC128	2N1997		2SB247 2SB222
W652A	G	P	A	AC117	AC128	AC153	2N1997		2SB222
W653	G	P	A				2N1997		
W654	G	P	A				2N1997		
W655	G	P	A				2N1997		
W656	S	N	A	BSX46-6	BSX45	BSX22	2N3498	2N4331	
W656A	S	N	A						
W657	S	N	A				2N3498		
W657A	S	N	A						

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N658	G	P	A	AC153 AD162	AC117	AC128	2N2000		
2N659	G	P	A	AC153 AD162	AC117	AC128	2N2000	2N578	
2N660	G	P	A	AC153 AD162	AC117	AC128	2N643	2N2000	
2N661	G	P	A	AD162			2N643	2N2000	
2N662	G	P	A	AC153 AC128	AC117 AD162	OC76	2N579	2N2000	
2N663	G	P	A				2N2143		
2N665	G	P	A	ADY26			TI3027		
2N669	G	P	A				TI3027		
2N670	G	P	A	AC117	AC128	AC153	2N3428	2N1038	2SB222
2N671	G	P	A				2N3428	2N1038	
2N672	G	P	A				2N3428	2N1038	
2N673	G	P	A				2N3428	2N1038	
2N674	G	P	A				2N3428	2N1038	
2N675	G	P	A				2N3428		
2N677	G	P	A				2N1553	2N456A	
2N677A	G	P	A				2N1554		
2N677B	G	P	A				2N1555		
2N677C	G	P	A				2N1556		
2N678	G	P	A	AD133	ADZ11		2N1557	2N456A	
2N678A	G	P	A				2N1558		
2N678B	G	P	A				2N1559		
2N678C	G	P	A				2N1560		
2N679	G	N	A	BFY56			2N1304		
2N680	G	P	A	AC153	AC117	AC128	2N1191 2N1309	2N404	2SD11
2N695	G	P	A	ASZ21			2N2635		
2N696	S	N	A	BFY56	BSX45-6	BSY44	2N3567 2N2218	2N2218A 2N697	
2N696A	S	N	A				2N2218		
2N697	S	N	A	BFY56 BSY51	BSX45-10	BSY44	EN697 2N2218	2N2218A	
2N697A	S	N	A				2N2218		
2N698	S	N	A	BSX47-6 BF178	BSW67	BSX46-10	2N3498	2N2243A	
2N699	S	N	A	BSX47-6 BF178	BSX47-10	BSW67	2N3498	2N2243A	
2N699A	S	N	A						
2N699B	S	N	A				2N3498		
2N700	G	P	A	AF139	AF186		2N2415	2N5043	
2N700A	G	P	A						

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N702	S	N	A				2N835		
2N703	S	N	A	BFY74			2N3691	2N835	
2N705	G	P	A	AFY11 ASZ21	AF106	AFY19	2N964		
2N705A	G	P	A				2N964		
2N706	S	N	A	BSX87 BSY38	BSY62 BSY20	BSX19 BSY70	EN914 2N964	2N706A	
2N706A	S	N	A	BSY62A	BSX19	BSY38	EN706		
2N706B	S	N	A				EN706		
2N706C	S	N	A				2N835		
2N707	S	N	A	BSX26			EN3014 2N2484	2N2483	
2N707A	S	N	A				2N2483		
2N708	S	N	A	BSX88 BSX20	BSY63 BSY19	BSX19	EN914		
2N708A	S	N	A				2N834		
2N709	S	N	A	BSX27 BSX44	BSY18	BSX19	2N2369A		
2N709A	S	N	A	BSX27					
2N710	G	P	A				2N964		
2N710A	G	P	A				2N964		
2N711	G	P	A	AFY11 AF106	AC125	ASZ21	2N964		
2N711A	G	P	A						
2N711B	G	P	A						
2N715	S	N	A				2N2221	2N4875	
2N716	S	N	A				2N2221	2N4875	
2N717	S	N	A	BFX69	BSX45-6		2N4436 2N2222	2N2221A	
2N718	S	N	A	BFX69	BSX45-6	BSX45-10	EN718A 2N2222	2N2221A	
2N718A	S	N	A	BFX69	BSX45-6	BSX45-10	EN718A	2N2221A	
2N719	S	N	A	BSX47-6			2N3498	2N2222	
2N719A	S	N	A	BSX47-6			2N3498		
2N720	S	N	A	BSX47-6	BSX47-10		2N3498	2N2222	
2N720A	S	N	A	BSX47-6	BSX47-10		2N3498		
2N721	S	P	A	BSX36			EN722 2N2907	2N2837	
2N722	S	P	A	BSX36			EN722	2N2907	
2N722A	S	P	A				2N2837		
2N725	G	P	A	AF201	AF202	AF121	2N2635		
2N726	S	P	A	BC178VI			2N3250		
2N727	S	P	A	BC178VI			2N3250		
2N728	S	N	A	BSY62	BSY63		2N2539		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N729	S	N	A				2N2539		
2N730	S	N	A	BSX45-6			2N2218		
2N730A	S	N	A	BSX45-6	BSX45-10				
2N731	S	N	A				2N2221A		
2N733	S	N	A				2N2221A		
2N734	S	N	A	BSX46	BFY80		2N2221		
2N735	S	N	A	BSX46	BFY80		2N2221	2N1091	
2N735A	S	N	A						
2N736	S	N	A	BSX46	BFY80	BFY44	2N2222A	2N1091	
2N736A	S	N	A				2N2222		
2N736B	S	N	A						
2N738	S	N	A						
2N739	S	N	A				2N2221A		
2N739A	S	N	A				2N2222A		
2N740	S	N	A	BC141			2N2222A		
2N740A	S	N	A	BFY45					
2N741	G	P	A	AF202	AF202S	AF121S	2N2996	2N5043	
2N741A	G	P	A	AF202					
2N742	S	N	A				2N2218	2N2217	
							2N2219		
2N742A	S	N	A				2N2218		
2N743	S	N	A	BSX90	BSY17	BSX19	2N835		
				BSY21	BF168				
2N743A	S	N	A						
2N744	S	N	A	BSX91	BSY18	BSX20	EN744		
				BSY21	BF168				
2N744A	S	N	A						
2N749	S	N	A	BCY59	BSY44	BSY11	2N697		
2N750	S	N	A	BCY59	BSY44	BSY11			
2N751	S	N	A				2N697		
2N752	S	N	A	BFY44			2N2221	2N736	
2N753	S	N	A	BSY62	BSX20	BSY39	2N4275		
				BSY70	BF168				
2N754	S	N	A	BSY10			2N2218	2N1893	
							2N2243A		
2N755	S	N	A				2N2218	2N1893	
							2N2243A		
2N756	S	N	A	BSY10			2N734		
2N757	S	N	A	BSY10			2N734		
2N757A	S	N	A						
2N758	S	N	A	BSY11			2N734		
2N760	S	N	A	BFY76	BCY59IX				
2N760A	S	N	A	BCY65EVIII		2N2483			

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
MN760B	S	N	A						
MN761	S	N	A						
MN762	S	N	A						
MN768	G	P	A				2N961		
MN769	G	P	A				2N961		
MN777	S	N	A				2N734		
MN778	S	N	A				2N734		
MN779	G	P	A				2N964		
MN779A	G	P	A				2N964		
MN779B	G	P	A				2N964		
MN780	S	N	A	BF115	BC10		2N2220		
MN781	G	P	A				2N2635		
MN782	G	P	A				2N2635		
MN783	S	N	A	BSX28			2N4274 2N2369A	2N834	
MN784	S	N	A	BSX28			2N4274 2N2369A	2N834	
MN784A	S	N	A				2N834		
MN789	S	N	A				2N332		
MN790	S	N	A				2N333		
MN791	S	N	A				2N334		
MN792	S	N	A				2N335		
MN793	S	N	A				2N336		
MN794	G	P	A				2N2635		
MN795	G	P	A				2N2635		
MN796	G	P	A				2N2635		
MN797	G	N	A						
MN799	G	P	A	AF101	AF117	AF127			2SA155
MN800	G	P	A				2N404		
MN801	G	P	A				2N404		
MN802	G	P	A				2N404		
MN803	G	P	A				2N404		
MN804	G	P	A				2N404		
MN805	G	P	A				2N404		
MN806	G	P	A				2N404		
MN807	G	P	A				2N404		
MN808	G	P	A				2N404		
MN809	G	P	A				2N404		
MN810	G	P	A				2N404		
MN812	G	P	A				2N404		
MN813	G	P	A				2N404		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N814	G	P	A				2N404		
2N821	G	N	A						
2N825	G	P	A				2N404		
2N826	G	P	A				2N404		
2N827	G	P	A						
2N828	G	P	A						
2N828A	G	P	A						
2N829	G	P	A						
2N834	S	N	A	BSX28 BCY23	BSY63	BCY56	2N4274	2N3014	
2N834A	S	N	A	BSX28	BSY63	BFY66	2N4274		
2N835	S	N	A	BSX28	BSY62		2N4274	2N3014	
2N837	G	P	A						
2N838	G	P	A				2N2635		
2N839	S	N	A	BSY44	BF177	BSY11	2N2222 2N930	2N929	
2N840	S	N	A				2N2221 2N930	2N929	
'N841	S	N	A				2N2222 2N930	2N929	
:N842	S	N	A				2N2221 2N4253	2N4252	
2N843	S	N	A				2N2222 2N4253	2N4252	
2N844	S	N	A				2N1893	2N2243A	
2N845	S	N	A				2N1893	2N2243A	
2N846	G	P	A				2N960	2N964	
2N846A	G	P	A				2N960	2N964	
2N846B	G	P	A				2N960	2N964	
2N849	S	N	A	BSX48	BSX19			2N835	
2N850	S	N	A	BSX48	BSX20		2N834		
2N851	S	N	A	BSX48	BSX19		2N835		
2N852	S	N	A				2N834		
2N858	S	P	A				2N2945		
2N859	S	P	A				2N2945		
2N860	S	P	A				2N2945		
2N861	S	P	A				2N2944	2N2945	
2N862	S	P	A				2N2944	2N2945	
2N863	S	P	A				2N2944	2N2945	
2N864	S	P	A				2N2904	2N2905	
2N864A	S	P	A				2N2904	2N2905	
2N865	S	P	A				2N2904	2N2905	
2N865A	S	P	A				2N2904	2N2905	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
??N869	S	P	A	BSX29			2N4389 2N2905	2N2904	
??N869A	S	P	A				2N4313 2N2894	2N3250 2N3576	
??N870	S	N	A	BSX46-6	BSX46-10		2N2222		
??N871	S	N	A	BSX46-10			2N2222		
??N876									
??N877									
??N878									
??N879									
??N880									
??N881									
??N882									
??N884									
??N885									
??N886									
??N887									
??N888									
??N889									
??N890									
??N891									
??N892									
??N893									
??N894									
??N896									
??N898									
??N900									
??N902	S	N	A				2N332		
??N903	S	N	A				2N333		
??N904	S	N	A				2N334		
??N905	S	N	A				2N335		
??N906	S	N	A				2N336		
??N907	S	N	A				2N337	2N3015	
??N908	S	N	A				2N338	2N3015	
??N909	S	N	A				2N2222 2N2243A	2N2192	
??N910	S	N	A	BSX46-10	BFY65		2N2222		
??N911	S	N	A	BSX46-10			2N2222		
??N912	S	N	A	BSX46-6			2N2222		
??N913									
??N914	S	N	A	BSX87 BSX20	BSX87A BCY59	BSY63 BSY21	EN914	2N708	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N915	S	N	A	BFY75 BF194	BF115 BFY27	BF225 BSY22	EN915	2N2221A	
2N915A	S	N	A						
2N916	S	N	A	BFY74 BFY27	BSY63	BCY56	2N3691		
2N916A	S	N	A						
2N916B	S	N	A						
2N917	S	N	A	BFX73			2N3563	2N918	
2N917A	S	N	A						
2N918	S	N	A	BFX73 BFX62	BSX19 BFY66	BFY20	EN918		
2N919	S	N	A				2N834		
2N920	S	N	A				2N834		
2N921	S	N	A				2N834		
2N922	S	N	A				2N834		
2N923	S	P	A						
2N924	S	P	A						
2N925	S	P	A						
2N926	S	P	A						
2N927	S	P	A	BSX21			2N2604	2N2605	
2N928	S	P	A				2N2604	2N2605	
2N929	S	N	A	BFX92 BC107	BFX92A BSY11	BC107A	2N3565	2N930	
2N929A	S	N	A						
2N930	S	N	A	BFX93 BC107	BFX93A BCY59	BC107B	EN920		
2N930A	S	N	A						
2N934	G	P	A				2N965	2N2635	
2N935	S	P	A				2N327A	2N2945	
2N936	S	P	A				2N328A	2N2945	
2N937	S	P	A				2N329A	2N2945	
2N938	S	P	A				2N2945		
2N939	S	P	A				2N2945		
2N940	S	P	A				2N2945		
2N941	S	P	A				2N2945		
2N942	S	P	A				2N2945		
2N943	S	P	A				2N2945		
2N944	S	P	A				2N2945		
2N945	S	P	A				2N2945		
2N946	S	P	A				2N2945		
2N947	S	N	A	BSX87	BSY62	BSY63	EN914 2N706	2N834	
2N948									
2N949									

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N950									
2N951									
2N955	G	N	A				2N797		
2N955A	G	N	A						
2N956	S	N	A	BSX33 BC140C	BC141-10	BSY83	EN956 2N2222	2N2222A	
2N957	S	N	A	BFY74	BSY10	BSY11	2N3691 2N2484	2N2501	
2N958	S	N	A				2N706		
2N959	S	N	A				2N706		
2N960	G	P	A				2N964		
2N961	G	P	A				2N964		
2N962	G	P	A				2N964		
2N963	G	P	A				2N964		
2N964	G	P	A	ASY27					
2N964A	G	P	A				2N964		
2N965	G	P	A				2N964		
2N966	G	P	A				2N964		
2N967	G	P	A				2N964		
2N968	G	P	A				2N964		
2N969	G	P	A				2N964		
2N970	G	P	A				2N964		
2N971	G	P	A				2N964		
2N972	G	P	A				2N964		
2N973	G	P	A				2N964		
2N974	G	P	A				2N964		
2N975	G	P	A				N964		
2N976	G	P	A				2N964	2N961	
2N977	G	P	A				2N964	2N985	
2N978	S	P	A	BSX36			2N5142 2N721	2N2837 2N2907	
2N979	G	P	A				2N2635		
2N980	G	P	A				2N2635		
2N982	G	P	A				2N964	2N985	
2N983	G	P	A				2N964	2N985	
2N984	G	P	A				2N964	2N985	
2N985	G	P	A				2N964		
2N986	S	N	A	BPY65			LS600		
2N987	G	P	A	AF106			2N2635		
2N988	S	N	A				2N2221	2N706	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N989	S	N	A				2N2221	2N706	
2N990	G	P	A	AF178 AF194	AF124	AF134			
2N991	G	P	A	AF185	AF125	AF135	2N2635		
2N992	G	P	A	AF185	AF126	AF136	2N2635		
2N993	G	P	A	AF185	AF127	AF137	2N2635		
2N995	S	P	A	BC179VI BC206	BSW19	BC179	2N4389		
2N995A	S	P	A				2N4313	2N3250	
2N996	S	P	A	BSX29			2N3248 2N2907	2N2906	
2N997	S	N	A	BFX67					
2N998	S	N	A	BFX66			2N997		
2N999	S	N	A	BFX67			2N997		
2N1007	G	P	A	ADY27	AD149				
2N1008	G	P	A	AC117	AC128	AC153			2SB222
2N1009	G	P	A	AC153	AC117	AC128			2SA219
2N1010	G	N	A	AC127			2N1302	2N2430	
2N1011	G	P	A	AUY21II	ASZ18	ADY26	TI3027		
2N1012	G	N	A	ASY73			2N388A	2N1306	2SD11
2N1014	G	P	A	AC153 ASZ18	AC117	AC128	2N1552 2N1021	2N456A	2SB248A
2N1015	S	N	A	BLY17			2N3713		
2N1016	S	N	A				2N3713		
2N1017	G	P	A	ASY27			2N404	2N582	
2N1018	G	P	A				2N404	2N582	
2N1021	G	P	A				2N456A	2N1014	
2N1021A	G	P	A				2N1021		
2N1022	G	P	A				2N456A	2N1100	
2N1022A	G	P	A				2N1022		
2N1023	G	P	A	AF106	AFZ12		2N3323	2N2635	
2N1024	S	P	A	BC160	BCY12		2N1132 2N2945	2N2944	
2N1025	S	P	A	BC160	BCY11		2N1132 2N2945	2N2944	
2N1026	S	P	A	BC160	BCY11	BCY12	2N1132 2N2945	2N2944	
2N1027	S	P	A	BC178VI	BC178	BC205	2N2944	2N2945	
2N1028	S	P	A				2N2944	2N2944	
2N1029	G	P	A				2N1553	TI3027	
2N1029A	G	P	A				2N1554	TI3027	
2N1029B	G	P	A				2N1555 TI3031	TI3027	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1029C	G	P	A				2N1556 2N3146	2N456A	
2N1030	G	P	A				2N1557 2N514A	2N456A	
2N1030A	G	P	A				2N1558 2N514B	2N456A	
2N1030B	G	P	A				2N1559		
2N1030C	G	P	A				2N1560		
2N1031	G	P	A	AD133	ADZ11		2N1553	TI3027	
2N1031A	G	P	A				2N1554	TI3027	
2N1031B	G	P	A				2N1555 TI3031	TI3027	
2N1031C	G	P	A				2N1556 2N3146	2N456A	
2N1032	G	P	A				2N1557 2N514A	2N456A	
2N1032A	G	P	A				2N456A	2N514B	
2N1034	S	P	A				2N2944	2N2945	
2N1035	S	P	A				2N2944	2N2945	
2N1036	S	P	A				2N2944	2N2945	
2N1037	S	P	A				2N2944	2N2945	
2N1038	G	P	A	AD149 OD603	AD149IV	OC30	2N2138 2N586	2N2836 2N2552	2SB240
2N1039	G	P	A	AD138/50 OC30	ASZ17 2N1038	OC26	2N2139 2N1041	2N1038	2SB181
2N1040	G	P	A	AD162 OC30	AD149 OD603	OC26	2N2140 2N1041	2N1038	2SB181
2N1041	G	P	A	AUY21IV OC26	AD138/50 OC30	ASZ15	2N2141 2N1040	2N1038	2SB181
2N1042	G	P	A				2N2143		
2N1043	G	P	A	AD131 ASZ16	AD138/50	OC28	2N2144	2N1038	2SB181 2SB151
2N1044	G	P	A	AD131 OD605	AD138/50	OC28	2N2145 2N1043	2N1038	2SB181 2SB151
2N1045	G	P	A				2N2146 2N1038	2N1014	
2N1045-1	G	P	A				2N1038	2N2563	
2N1045-2	G	P	A				2N1038	2N2567	
2N1046	G	P	A				2N2832	2N1907	
2N1046A	G	P	A				2N2832	2N1907	
2N1046B	G	P	A				2N2833	2N1907	
2N1051	S	N	A				2N2217	2N2219	
2N1052	S	N	A				2N5058		
2N1054	S	N	A				2N5059		
2N1056	G	P	A	AC153 AC131	ACY24 AC152	AC128	2N2043		2SB224

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1057	G	P	A	AC153	AC131/30	OC72	2N1924		2SB225
				AC128	AC117				
2N1058	G	N	A	ADY26	ASY74				
2N1059	G	N	A	AC127			2N2430		2SD11
2N1060	S	N	A				2N2501	2N2217	
							2N2219		
2N1065	G	P	A				2N2188		
2N1066	G	P	A	AF118	AFZ12		2N3323		
2N1067	S	N	A				2N3766		
2N1068	S	N	A				2N3766		
2N1069	S	N	A				2N3766	2N4913	
2N1070	S	N	A				2N3766	2N4913	
2N1072	S	N	A				2N3766		
2N1073	G	P	A	AU103					
2N1074	S	N	A				2N328A		
2N1075	S	N	A				2N328A		
2N1076	S	N	A				2N328A		
2N1078	G	P	A	CTP1104	SFT232	TF78/30			2SB107A
2N1081	S	N	A				2N3724	2N3725	
2N1082	S	N	A				2N2217	2N2219	
2N1086	G	N	A				2N1308		
2N1086A	G	N	A				2N1308		
2N1087	G	N	A				2N1308		
2N1090	G	N	A				2N1304	2N1605	
2N1091	G	N	A				2N1304	2N1605	
2N1093	G	N	A	AF106	AF178	AF190	2N1305		2SA206
				AF101	AF126	AF127			
2N1094	G	P	A				2N1308		
2N1097	G	P	A	AC128	AC153	AC131	2N1414	2N2431	2SB219
				AC105	AC117		2N1098		
2N1098	G	P	A	AC128	AC153	AC117	2N1414	2N2431	2SB219
2N1099	G	P	A	ADZ12	ADY26				
2N1100	G	P	A	AD132V					
2N1101	G	P	A	AC127	AC179		2N2430	2N647	
							2N1302		
2N1102	G	N	A	AC127	AC179		2N2430	2N647	
							2N1306		
2N1107	G	P	A	AF185					
2N1108	G	P	A	AF185	AF125	AF137	2N1110	2N2188	2SA159
				AF181	AF115	AF131			
2N1109	G	P	A	AF185	AF116	AF126	2N2188		2SA154
				AF132					
2N1110	G	P	A	AF185	AF125	AF137	2N2188	2N1108	2SA156
				AF181	AF131	AF136			

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1111	G	P	A	AF185 AF132	AF126 AF181	AF137	2N2188		2SA155
2N1116	S	N	A	BFY34	BSX45	BSX22	2N4231 2N2243A	2N3252	
2N1117	S	N	A				2N2193	2N2243A	
2N1118	S	P	A				2N2604	2N2605	
2N1118A	S	P	A				2N2604	2N2605	
2N1119	S	P	A				2N2604	2N2605	
2N1120	G	P	A	AD133			TI3027	TI3031	
2N1121	G	N	A				2N1306		
2N1122	G	P	A	AF126	AF137	AF132	2N961	2N964	2SA155
2N1122A	G	P	A	AF126	AF132	AF137	2N960	2N964	2SA155
2N1123	G	P	A				2N3427	2N1997	
2N1124	G	P	A				2N651	2N1377	
2N1125	G	P	A				2N651	2N2000	
2N1126	G	P	A				2N651		
2N1127	G	P	A				2N3428		
2N1128	G	P	A	AC128	AC153	AC117	2N1192 2N1377	2N2431	2SB222
2N1129	G	P	A	AC153	AC117	AC128	2N3427 2N1379	2N1377	2SB222 2SB223
2N1130	G	P	A	AC153	AC117	AC128	2N1193	2N1377	2SB222 2SB221
2N1131	S	P	A	BFX74	BSV16-6	BCZ12	EN1132 2N1132	2N2904 2N2905	
2N1131A	S	P	A				2N2800		
2N1132	S	P	A	BFX74 BCY18	BFX74A BCZ11	BSV16-6 BCZ12	EN1132 2N2905	2N2904	
2N1132A	S	P	A	BFX74A			EN1132		
2N1136	G	P	A	AUY21 AC117	AD138 AC153	ASZ18 ASZ16	2N1540 TI3027	MP249	2SB248
2N1136A	G	P	A				2N1542		
2N1136B	G	P	A	AUY21			2N1543		
2N1137	G	P	A	AUY21 AC117	AD138 AC153	ASZ18 ASZ16	2N1544 2N456A	MP438	2SB248
2N1137A	G	P	A				2N1547	MP438A	
2N1137B	G	P	A				2N1548	MP438B	
2N1138	G	P	A				2N1545	MP280	
2N1138A	G	P	A				2N1547	MP281	
2N1138B	G	P	A				2N1548	MP282	
2N1139	S	N	A				2N835		
2N1141	G	P	A	AF178			2N2495		
2N1141A	G	P	A	AFY18					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1142	G	P	A	AF178	AFY12	AFZ12	2N2495		
2N1142A	G	P	A	AFY18					
2N1143	G	P	A	AF178 AFZ12	ASY76	AFY12	2N2495		
2N1143A	G	P	A	AFY18					
2N1144	G	P	A	AC128 AC152	AC153 OC76	AC131	2N321 2N1303	2N2431	2SB37
2N1145	G	P	A	AC128 AC152	AC153 OC76	AC131	2N1414 2N1303	2N2431	2SB37
2N1146	G	P	A	AD133 ADZ12	AD138	ADZ11	2N456A		
2N1146A	G	P	A	AUY21IV	ADZ11	ADZ12	2N456A		
2N1146B	G	P	A	AUY22IV					
2N1146C	G	P	A	ADZ12			2N456A		
2N1157	G	P	A				MP501		
2N1157A	G	P	A				MP502		
2N1158	G	P	A				2N1143		
2N1158A	G	P	A				2N1142		
2N1159	G	P	A	AUY22III ADY26	AUY28 ASZ15	ASZ25	2N3616 2N3146	2N456A	
2N1160	G	P	A	AUY22	ASZ16	ASZ18	2N3616 2N3146	2N456A	
2N1168	G	P	A	AUY19III AUY21	ASZ18	ASZ16	2N3614	TI3027	
2N1172	G	P	A	AD156 OC22	AD139 OC30	AD148	2N2137 TI3028	TI3027	2SB240
2N1174	S	P	A	BCY28	BC177	BCZ11	2N404		
2N1176	G	P	A				2N1189	2N1038	
2N1177	G	P	A	AF178 AF115	AF118 AF136	AF125	2N2957 2N1180	2N2495 2N2188	2SA118
2N1178	G	P	A	AF178 AF115	AF118 AF136	AF125	2N2955 2N2188	2N2495	2SA118
2N1179	G	P	A	AF178 AF115	AF118 AF136	AF125	2N2956 2N2188	2N2495	2SA118
2N1180	G	P	A	AF185 AF125	AF118 AF115	AF178 AF136	2N2956	2N2188	2SA118
2N1182	G	P	A				2N2140		
2N1183	G	P	A	AD136 AC136	AUY18 OC30	AD160 OD603	2N2139 2N2140	2N1038	2SB242
2N1183A	G	P	A	AUY18			2N2140	2N1038	
2N1183B	G	P	A				2N2141	2N1038	
2N1184	G	P	A				2N2144 2N2564	2N1038	
2N1184A	G	P	A				2N2145 2N2564	2N1038	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1184B	G	P	A				2N2146 2N2565	2N1038	
2N1185	G	P	A				2N1375	2N1377	
2N1186	G	P	A				2N1375	2N1377	
2N1187	G	P	A				2N1376	2N1377	
2N1188	G	P	A				2N1376	2N1377	
2N1189	G	P	A				2N1377		
2N1190	G	P	A				2N1377		
2N1191	G	P	A	AC153 OC72	AC117	AC128	2N404	2N1305	2SB225
2N1192	G	P	A	AC153	AC117	AC128	2N404		2SB226
2N1193	G	P	A	AC153 OC318	AC117	AC128	2N404		2SB227
2N1195	G	P	A	AF178 AFY12	AF106	AF102	2N2495	2N404	
2N1199	S	N	A				2N835		
2N1199A	S	N	A				2N835		
2N1200	S	N	A				2N4252		
2N1201	S	N	A				2N4252		
2N1202	G	P	A				2N2145 2N3146	2N456A	
2N1203	G	P	A				2N2146 2N3146	2N456A	
2N1206	S	N	A				2N5059		
2N1207	S	N	A				2N5059		
2N1208	S	N	A	BDY11			2N3445	2N3487	
2N1209	S	N	A				2N3445	2N1724	
2N1210	S	N	A				2N3713	2N1722	
2N1211	S	N	A				2N3445	2N1722	
2N1212	S	N	A				2N3445	2N1724	
2N1217	G	N	A				2N1308		
2N1219	S	P	A	BC160	BCY12		2N1132		
2N1220	S	P	A	BC160	BCY12		2N1132 2N2904	2N1219 2N2905	
2N1221	S	P	A				2N2904	2N2905	
2N1222	S	P	A				2N2904	2N2905	
2N1223	S	P	A				2N2904	2N2905	
2N1224	G	P	A	AF126 ASZ20	AF137	AF116			
2N1225	G	P	A	AF125 AF118	AF135	AF115			
2N1226	G	P	A	AF124 AF118	AF137	AF114	2N2635		
2N1227	G	P	A	AD149			2N3611	TI3027	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1245	G	P	A	AD162 SFT232	OC30	OD603	2N404		2SB250
2N1246	G	P	A	AC153	AC117	AC128	2N404	2N1263	2SB253
2N1250	S	P	A				2N3713		
2N1251	G	N	A	AC127			2N2430	2N1304	
2N1252	S	N	A	BSX30	BSX45		2N2537	2N2218	
2N1252A	S	N	A				2N2537		
2N1253	S	N	A	BSX30	BSX45		2N2537	2N2218	
2N1253A	S	N	A				2N2537		
2N1254	S	P	A				2N722	2N2907	
2N1255	S	P	A				2N722	2N2907	
2N1256	S	P	A				2N722	2N2907	
2N1257	S	P	A				2N722	2N2907	
2N1258	S	P	A				2N722	2N2907	
2N1259	S	P	A				2N722	2N2907	
2N1261	G	P	A	AC153 AC105	AC117	AC128	2N1531	2N1262	2SB252
2N1262	G	P	A	AC153 AC105	AC131 AC117	AC128	2N1531	2N1261	2SB252
2N1263	G	P	A	AC153 AC117	AUY28	AC128	2N3617		2SB253
2N1264	G	P	A	AF178	AF127	AF137	2N1191	2N2495	
2N1265	G	P	A				2N1192	2N404	
2N1266	G	P	A	AF185 AC128	AF127	AC122	2N1191	2N404	
2N1267	S	N	A				2N4252	2N4253	
2N1268	S	N	A				2N4252	2N4253	
2N1269	S	N	A				2N4252	2N4253	
2N1270	S	N	A				2N4252	2N4253	
2N1271	S	N	A				2N4252	2N4253	
2N1272	S	N	A				2N4252	2N4253	
2N1273	G	P	A	AC128 OC72	AC153	AC117	2N1191 2N404	2N2431	2SB222
2N1274	G	P	A	AC128 AC122/30	ASY26 AC117	AC153 OC72	2N1191 2N404	2N2431	2SB222
2N1275	S	N	A				2N2501		
2N1278	S	N	A				2N2501		
2N1279	S	N	A				2N2501		
2N1280	G	P	A				2N1305		
2N1281	G	P	A				2N1307		
2N1282	G	P	A				2N1307		
2N1284	G	P	A				2N1305		
2N1285	G	P	A				2N2188		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
?2N1287	G	P	A	AC128 OC318	AC153	AC137	2N651 2N1303	2N2431	2SB225
?2N1287A	G	P	A				2N652		
?2N1291	G	P	A	AC153 OC318	AC117	AC128	2N1529	TI3027	2SB248
?2N1293	G	P	A	AC153 OC74	AC117	AC128	2N1531	TI3027	2SB248A
?2N1295	G	P	A	AC153 OC74	AC117	AC128	2N1532	2N456	2SB249
?2N1297	G	P	A				2N1533 2N3146	2N456A	
?2N1298	G	N	A				2N1302		
?2N1299	G	N	A				2N1306		
?2N1300	G	P	A	ASY27	ASZ20		2N2635		
?2N1301	G	P	A	ASY27	ASZ20		2N2635		
?2N1302	G	N	A	ASY28	ASY73				
?2N1303	G	P	A	ASY26			2N1192		
?2N1304	G	N	A	ASY28	ASY29				
?2N1305	G	P	A	ASY26	ASY27				
?2N1306	G	N	A	ASY29					
?2N1307	G	P	A	ASY27	ASY26				
?2N1308	G	N	A	ASY29					
?2N1309	G	P	A	ASY27	ASY26				
?2N1310	G	N	A				MP2373-1		
?2N1311	G	N	A						
?2N1313	G	P	A						
?2N1314	G	P	A	AD149	AD150		2N3611		
?2N1315	G	P	A	ASZ17			2N3611		
?2N1320	G	P	A	AC153	AC117	AC128			2SB248
?2N1322	G	P	A	AC153	AC117	AC128			2SB248A
?2N1324	G	P	A	AC153	AC117	AC128			2SB249
?2N1326	G	P	A				2N1038		
?2N1328	G	P	A	AC153	AC117	AC128	2N1038		2SB248
?2N1331	G	P	A	AC153 AC128	AC117	OC74	2N1038		2SB249 2SB248
?2N1338	S	N	A	BSX46	BSY46	BFY13			
?2N1340	S	N	A	BFY45 BSY45	BF178	BSW66			
?2N1342	S	N	A	BFY45 BSY45	BF178	BSW66	2N1341		
?2N1343	G	P	A				2N404		
?2N1344	G	P	A				2N404		
?2N1345	G	P	A				2N404		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1346	G	P	A				2N404		
2N1347	G	P	A				2N404		
2N1348	G	P	A				2N404		
2N1349	G	P	A				2N404		
2N1350	G	P	A				2N404		
2N1351	G	P	A				2N404		
2N1352	G	P	A				2N651		
2N1353	G	P	A				2N404		
2N1354	G	P	A				2N404		
2N1355	G	P	A				2N404		
2N1356	G	P	A				2N404		
2N1357	G	P	A				2N404		
2N1358	G	P	A	AUY29 AC128	AD138/50 AC153	ASZ16 ADZ12	2N2929		2SB252
2N1359	G	P	A	AD149	OC74	OC318			2SB249
2N1360	G	P	A				TI3027		
2N1362	G	P	A	AUY34			2N456	2N3146	
2N1363	G	P	A				2N456A	2N3146	
2N1364	G	P	A				2N456A	2N3146	
2N1365	G	P	A				2N456A	2N3146	
2N1366	G	N	A				2N1302		
2N1367	G	N	A				2N1304		
2N1370	G	P	A	ASY26			2N1192	2N1377	
2N1371	G	P	A				2N1192	2N1377	
2N1372	G	P	A				2N1191	2N1377	
2N1373	G	P	A	AC153 AC127	AC117	AC128	2N1191	2N1377	2SB225
2N1374	G	P	A				2N1192	2N1377	
2N1375	G	P	A	AC153	AC117	AC128	2N1192	2N1377	2SB226
2N1376	G	P	A				2N1192	2N1377	
2N1377	G	P	A	AC153	AC117	AC128	2N651	2N1377	2SB227
2N1378	G	P	A				2N1193	2N1377	
2N1379	G	P	A	ASY26			2N1193 2N1377	2N1379	
2N1380	G	P	A	ASY26			2N1192	2N1377	
2N1381	G	P	A				2N1192	2N1377	
2N1382	G	P	A				2N1192	2N1377	
2N1383	G	P	A				2N1192	2N1377	
2N1384	G	P	A				2N2635		
2N1385	G	P	A	AF139	AF186	ASZ21	2N1385		
2N1386	S	N	A				2N2218		
2N1387	S	N	A				2N2218		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1388	S	N	A				2N2218		
2N1389	S	N	A				2N2218		
2N1390	S	N	A				2N2218		
2N1392	G	P	A	AC151 AC122	AC125 AC162	OC70	2N1394		2SB111
2N1394	G	P	A	AC151 AC122	AC125 AC162	OC70	2N1392		2SB111
2N1395	S	P	A				2N2955	2N2188	
2N1396	G	P	A	AF118	ASZ220		2N3323	2N2191	
2N1397	G	P	A	AF118	ASZ20		2N3323	2N2191	
2N1398	G	P	A				2N2996		
2N1399	G	P	A	AF106	AFZ12		2N2996		
2N1400	G	P	A	AF124	AF134	AF131	2N2996		
2N1401	G	P	A	AF124	AF134		2N2996		
2N1402	G	P	A	AF124	AF134		2N2996		
2N1403	G	P	A				2N2996		
2N1404	G	P	A	AF124	AF134		2N1303	2N1307	
2N1404A	G	P	A				2N1303		
2N1405	G	P	A				2N2996		
2N1406	G	P	A	AF178			2N495	2N2996	
2N1407	G	P	A	AF178			2N2495	2N2996	
2N1408	G	P	A				2N2000		
2N1410	S	N	A						
2N1410A	S	N	A	BSX46					
2N1411	G	P	A	AF124	AF134		2N962	2N2188	
2N1412	G	P	A				2N1100		
2N1416	G	P	A	AC153	AC117	AC128	2N1193		
2N1419	G	P	A				2N1164		
2N1420	S	N	A	BFY56 BSY10	BFY67	BSX46-16	2N3543 2N1420	2N2222 2N2243A	
2N1420A	S	N	A	BSX46-10			2N3643 2N2243A	2N2219	
2N1425	G	P	A	AF185 AF126	AF124 AF137	AF134	2N2188		
2N1426	G	P	A	AF185 AF126	AF124 AF136	AF134	2N2188		
2N1427	G	P	A	AF124	AF134		2N962	2N2635	
2N1428	S	P	A				2N1132	2N2905	
2N1429	S	P	A	BC202r BC173	BC238	BC239	2N1132	2N2905	
2N1431	G	N	A	AC127			2N2430	2N1302	
2N1432	G	P	A				2N2189		
2N1433	G	P	A	AC153	AC117	AC128			2SB252

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1434	G	P	A	AD148 OD603	AD139	OC30	2N1435		2SB259
2N1435	G	P	A	AD148 OD603	AD139	OC30	2N1434		2SB259
2N1437	G	P	A	AC153 OC74	AC117	AC128	2N456A	2N3146	2SB249
2N1438	G	P	A	AC153	AC117	AC128	2N456A	2N3146	2SB252A
2N1439	S	P	A				2N2945	2N2946	
2N1440	S	P	A				2N2945	2N2946	
2N1441	S	P	A				2N2945	2N2946	
2N1442	S	P	A				2N2945	2N2946	
2N1443	S	P	A				2N2945	2N2946	
2N1444	S	N	A				2N3252		
2N1446	G	P	A				2N1191 2N1377	2N1373	
2N1447	G	P	A				2N1191	2N1373	
2N1448	G	P	A				2N1192	2N1373	
2N1449	G	P	A				2N1189 2N1377	2N1375	
!N1450	G	P	A				2N2955	2N1143	
!N1451	G	P	A				2N464 2N1377	2N1375	
2N1452	G	P	A				2N1191 2N1377	2N1375	
2N1465	G	P	A				2N456A	2N3146	
2N1466	G	P	A				2N456A	2N3146	
2N1469	S	P	A				2N2944	2N2945	
2N1471	G	P	A				2N1309		
2N1472	G	N	A				2N2537	2N3015	
2N1473	G	N	A				2N2000		
2N1474	G	P	A	BSY16	BCY11		2N2944	2N2945	
2N1474A	S	P	A	BCY11	BCY12		2N2944	2N2945	
2N1475	S	P	A	BCY11			2N2944	2N2945	
2N1476	S	P	A				2N2944	2N2945	
2N1477	S	P	A				2N2944	2N2945	
2N1478	G	P	A				2N3427	2N1307	
2N1479	S	N	A	BFX34			2N2987	2N4237	
2N1480	S	N	A	BFX34			2N2988	2N4238	
2N1481	S	N	A	BFX34			2N2989	2N4239	
2N1482	S	N	A	BFX34			2N2990	2N4238	
2N1483	S	N	A				2N3766		
2N1484	S	N	A				2N3766		
2N1485	S	N	A				2N3766		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1486	S	N	A				2N3766		
2N1487	S	N	A	BDY38	BD130	AM291	2N3713 2N4913	2N3055	
2N1488	S	N	A	BDY20	BD130	AM291	2N3714 2N4914	2N3055	
2N1489	S	N	A	BDY38	BD130	AM291	2N3713 2N4913	2N3055	
2N1490	S	N	A	BDY20	BD130	AM291	2N3714 2N4914	2N3055	
2N1499	G	P	A				2N960	2N964	
2N1499A	G	P	A	AF106	AF190		2N960	2N964	
2N1499B	G	P	A						
2N1500	G	P	A				2N962	2N964	
2N1501	G	P	A	AC153 ASZ16	AC117	AC128	2N2144		2SB248B
2N1502	G	P	A	AC153	AC117	AC128	2N2143	TI3027	2SB248
2N1504	G	P	A				2N456A	2N3146	
2N1505	S	N	A	BSX46-6	BFY12		2N2218 2N2219	2N2217	
2N1506	S	N	A	BSX46-6	BFY12		2N2218 2N2219	2N2217	
2N1507	S	N	A	BSX45-16	BSX45-10		2N2219	2N2243A	
2N1511	S	N	A				2N3713		
2N1515	G	P	A	AF185 AF127	AF126	AF137	2N1515		
2N1516	G	P	A	AF185 AF126	AF125	AF135			
2N1517	G	P	A	AF178 AF185	AF124	AF134	2N2495		
2N1518	G	P	A				2N2153	MP943	
2N1519	G	P	A				2N2154	MP943A	
2N1520	G	P	A				2N2153	MP944	
2N1521	G	P	A				2N2154	MP944A	
2N1522	G	P	A				2N2153		
2N1523	G	P	A				2N2154		
2N1524	G	P	A	AF185			2N3325		
2N1525	G	P	A	AF185 AF127	AF200	AF181	2N3325	TIS37	
2N1526	G	P	A	AF185			2N3325	TIS37	
2N1527	G	P	A	AF185			2N3325	TIS37	
2N1528	S	N	A	BSY34	BSW51		2N2218		
2N1529	G	P	A	AUY19III					
2N1529A	G	P	A	AUY19III					
2N1530	G	P	A	AUY19III					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1530A	G	P	A	AUY19III					
2N1531	G	P	A	AUY20III					
2N1531A	G	P	A	AUY20III					
2N1532	G	P	A	AUY34III					
2N1532A	G	P	A	AUY34III					
2N1533	G	P	A	AUY34III					
2N1534	G	P	A	AUY19IV					
2N1534A	G	P	A	AUY19IV					
2N1535	G	P	A	AUY19IV	AD133	ADZ11			
2N1535A	G	P	A	AUY19IV					
2N1536	G	P	A	AUY20IV	ASZ18				
2N1536A	G	P	A	AUY20IV					
2N1537	G	P	A	AUY34IV					
2N1537A	G	P	A	AUY34IV					
2N1538	G	P	A	AUY34IV					
2N1539	G	P	A	AUY19V					
2N1539A	G	P	A	AUY19V					
2N1540	G	P	A	AUY19V	ASZ16				
2N1540A	G	P	A	AUY19V					
2N1541	G	P	A	AUY20V					
2N1541A	G	P	A	AUY20V					
2N1542	G	P	A	AUY34V					
2N1542A	G	P	A	AUY34V					
2N1543	G	P	A	AUY34V					
2N1544	G	P	A	AUY19V	ASZ16				
2N1544A	G	P	A	AUY19V					
2N1545	G	P	A	AUY19V	ASZ18				
2N1545A	G	P	A	AUY19V					
2N1546	G	P	A	AUY20V	ASZ15				
2N1546A	G	P	A	AUY20V					
2N1547	G	P	A	AUY34V					
2N1547A	G	P	A	AUY34V					
2N1548	G	P	A	AUY34V					
2N1549	G	P	A	AUY29III			TI3027		
2N1549A	G	P	A	AUY29III					
2N1550	G	P	A	AUY29III			TI3028		
2N1550A	G	P	A	AUY29III					
2N1551	G	P	A	ADZ12					
2N1552	G	P	A				2N1021A		
2N1552A	G	P	A				2N1021A		
2N1553	G	P	A	AUY29IV			TI3027		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1553A	G	P	A	AUY29IV			TI3027		
2N1554	G	P	A	AUY29IV			TI3028		
2N1554A	G	P	A	AUY29IV					
2N1555	G	P	A	ADY26	ADZ12				
2N1556	G	P	A				2N1021A	2N1100	
2N1556A	G	P	A				2N1021A		
2N1557	G	P	A	AUY29V			2N456A	2N514	
2N1557A	G	P	A	AUY29V			2N456A	2N514	
2N1558	G	P	A	AUY29V			2N514A		
2N1558A	G	P	A	AUY29V			2N514A		
2N1559							2N514B		
2N1564	S	N	A	BSX46	BFY80		2N2218		2SC154
2N1565	S	N	A	BSX46	BFY80	BSW51	2N2218		2SC154
2N1566	S	N	A	BSX46	BFY80	BSW52	2N2219	2N2218	2SC154
2N1566A	S	N	A	BC141-10			2N2219		
2N1572	S	N	A	BF177	BSX47-6	BFY14B			2SC857
2N1573	S	N	A	BF178 BFY14C	BSX47-6	BFY14B			2SC857
2N1574	S	N	A	BSX47-10	BFY14C	BFY14D	2N1893		2SC857
2N1605	G	N	A				2N1304	2N1605	
2N1605A	G	N	A				2N1304	2N1605	
2N1609	G	P	A				2N2140		
2N1610	G	P	A				2N2145		
2N1611	G	P	A				2N2138		
2N1612	G	P	A				2N2143		
2N1613	S	N	A	BFX69 BFY34	BFX69A BSX45-6	BFY67 BFY33	2N3567		
2N1613A	S	N	A	BFX69A			2N2218	2N1613	
2N1613B	S	N	A	BSX47-6					
2N1614	G	P	A	ASY48	ACY24		2N1924	2N2000	
2N1616	S	N	A	AM291	BDY11		2N3487 2N1210	2N3055 2N1724	
2N1616A	S	N	A				2N3487		
2N1617	S	N	A	BDY91 BDY11	BCY28	BFC38	2N3487 2N1724	2N1211	
2N1617A	S	N	A				2N3487		
2N1618	S	N	A	BDY90	BFY34	BDY11	2N3488	2N1724	
2N1618A	S	N	A				2N3488		
2N1620	S	N	A				2N3446	2N1724	
2N1624	G	N	A				2N1308		
2N1631	G	P	A	AF185			2N3325	2N2635	
2N1632	G	P	A	AF185			2N3325	2N2635	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1633	G	P	A	AF185	AF106	AF136	2N2635		2SA230
2N1634	G	P	A	AF185	AF106	AF135	2N2635		2SA230
2N1635	G	P	A	AF185	AF106	AF135	2N2635		2SA230
2N1636	G	P	A	AF185	AF106	AF135	2N2635		2SA230
2N1637	G	P	A	AF185	AF124	AF135	2N3325	2N2635	2SA235
2N1638	G	P	A	AF185 AF134	AF124	AF136	2N3325	2N2635	2SA235
2N1639	G	P	A	AF185 AF134	AF124	AF135	2N3325	2N2635	2SA235
2N1640	S	P	A				2N2945	2N2946	
2N1641	S	P	A				2N2945	2N2946	
2N1642	S	P	A				2N2945	2N2946	
2N1643	S	P	A				2N2945	2N2944	
2N1644	S	N	A				2N2218 2N2243A	2N1893	
2N1646	G	P	A	AF201	AF202	AF106			2SA230
2N1647	S	N	A				2N2150		
2N1648	S	N	A				2N2151		
2N1649	S	N	A				2N2150		
2N1650	S	N	A				2N2151		
2N1651	G	P	A				2N2832		
2N1652	G	P	A				2N2833		
2N1653	G	P	A				2N2834		
2N1654	S	N	A				2N2944	2N2945	
2N1655	S	N	A				2N2944	2N2945	
2N1656	S	N	A				2N2944	2N2945	
2N1660	S	N	A				2N1722		
2N1661	S	N	A				2N1722		
2N1662	S	N	A				2N1722		
2N1663	S	N	A				2N2369A	2N3011	
2N1666	G	P	A	AUY22II	AUY22III	ASZ15	2N3616	TI3027	2SB341
2N1667	G	P	A	AUY21III	AUY21IV	AUY23III	2N3618	TI3027	2SB341
2N1668	G	P	A	AUY21IV ASZ17	AD138	ASZ16	2N3616	TI3027	2SB341
2N1669	G	P	A	AUY22III	ASZ18	ASZ16	2N3616	TI3027	2SB341
2N1670	G	P	A				2N398		
2N1671	S	P	A						
2N1671A	S	P	A	BC160			2N1671	2N1132	
2N1672	G	N	A				2N1302		
2N1673	G	P	A	AF200	AF181		2N404		
2N1676	S	P	A				2N2944	2N2945	
2N1677	S	P	A				2N2944	2N2945	
2N1678	G	P	A				2N2191		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
N1682	S	N	A				EN914 2N2219	2N2217	
N1683	G	P	A				2N2635		
N1694	G	N	A				2N1302		
N1700	S	N	A	BFY50			2N2218		
N1701	S	N	A				2N2218		
N1702	S	N	A				2N2218	2N4913	
N1703	S	N	A				2N2218		
N1704	S	N	A				2N2218 2N2243A	2N1893	
N1708	S	N	A	BSX87			EN914	2N743	
N1708A	S	N	A	BSX87			2N743		
N1708B	S	N	A				2N743		
N1711	S	N	A	BFX68 BFY46	BFX68A BSX45-10	BFY68	EN1711 2N2219	2N2219A	
N1711A	S	N	A	BFX68A			2N3643	2N2219A	
N1711B	S	N	A				2N2219A		
N1718	S	N	A				2N3766		
N1719	S	N	A				2N3766		
N1720	S	N	A				2N3766		
N1721	S	N	A				2N3767		
N1722	S	N	A				2N3446		
N1723	S	N	A	BLY17			2N3448		
N1724	S	N	A	BLY17			2N4347		
N1724A	S	N	A				2N4347		
N1725	S	N	A	AM291	BDX10		2N3055		
N1726	G	P	A				2N3323		
N1727	G	P	A	AF124	AF134		2N3324	2N2996	2SA235
N1728	G	P	A				2N3324	2N2996	
N1729	G	P	A				2N1303	2N1729	
N1730	G	N	A				2N1302	2N1730	
N1731	G	P	A				2N1303	2N1731	
N1732	G	N	A				2N1302	2N1732	
N1742	G	P	A	AF127	AF137	AF124	2N3288	2N2996	
N1743	G	P	A				2N3284	2N2996	
N1744	G	P	A				2N3284	2N2996	
N1745	G	P	A	AF126	AF137	AF136	2N3285	2N2996	
N1746	G	P	A				2N3323	2N2996	
N1747	G	P	A				2N3324	2N2996	
N1748	G	P	A				2N3324	2N2996	
N1748A	G	P	A				2N3323	2N2997	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1749	G	P	A				2N3323	2N2996	
2N1750	G	P	A				2N2996		
2N1751	G	P	A				2N2832	2N2996	
2N1752	G	P	A				2N3325	2N2996	
2N1754	G	P	A				2N964	2N2996	
2N1755	G	P	A				2N2137	2N1308	
							2N2552		
2N1756	G	P	A				2N2138	2N1038	
							2N2554		
2N1757	G	P	A				2N2139	2N1038	
							2N2554		
2N1758	G	P	A				2N2140	2N1038	
							2N2555		
2N1759	G	P	A				2N2142	2N1038	
							2N2564		
2N1760	G	P	A	AUY21III	AD138	ASZ16	2N2143		2SA341
2N1761	G	P	A	AUY21III	AUY28	ASZ18	2N2144		2SA341
2N1762	G	P	A				2N2145	2N2567	
2N1763	S	N	A				2N3014		
2N1764	S	N	A				2N2369A	2N3011	
2N1768	S	N	A				2N3713	2N1058	
							2N3445		
2N1769	S	N	A				2N3713	2N1050	
							2N3445		
2N1785	G	P	A				2N3324	2N2996	
2N1786	G	P	A				2N3323	2N2996	
2N1787	G	P	A				2N3324	2N2996	
2N1788	G	P	A				2N3324	2N2996	
2N1789	G	P	A				2N3325	2N2996	
2N1790	G	P	A				2N3323	2N2996	
2N1808	G	N	A				2N1302		
2N1837	S	N	A	BF194	BF115		2N2218		2SC260
2N1837A	S	N	A				2N2218		
2N1837B	S	N	A						
2N1838	S	N	A	BF194	BF115		2N2218		2SC260
2N1839	S	N	A	BF194	BF115		2N2218		2SC260
2N1840	S	N	A	BF194	BF115		2N2218		2SC260
2N1853	G	P	A				2N2635		
2N1854	G	P	A				2N2635		
2N1864	G	P	A				2N3324	2N2997	
2N1865	G	P	A				2N3325	2N2997	
2N1866	G	P	A				2N3323	2N2997	
2N1867	G	P	A				2N3324	2N2997	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1868	G	P	A				2N3325	2N2997	
2N1886	S	N	A	BLY17			2N4914		
2N1889	S	N	A	BSW65 BC141-10	BSX46-6 BSY87	BSX46-10 BF109	2N3498		
2N1890	S	N	A	BSW66 BSY88	BSX46-16 BF109	BSX46	2N3499		
2N1891	G	N	A				2N1304	2N1306	
2N1892	G	P	A				2N1303		
2N1893	S	N	A	BFW33 BF109	BSX47-10 BFY14	BSY45	2N1893	2N3498	2SC708
2N1893A	S	N	A				2N3498		
2N1899	S	N	A				2N4002		
2N1901	S	N	A				2N4002		
2N1905	G	P	A				2N2832	2N1046	
2N1906	G	P	A	AL100			2N2832	2N1907	
2N1907	G	P	A				2N2832	MP1907	
2N1907A	G	P	A				2N1907		
2N1908	G	P	A				2N2833	MP1910	
2N1908A	G	P	A				2N1907	2N1908	
2N1917	S	P	A	BC160	BCY12		2N1132		
2N1918	S	P	A	BC160	BCY12		2N1132 2N2945	2N2944	
2N1919	S	P	A	BCY29	BC212	BCZ12	2N2944	2N2945	
2N1920	S	P	A	BCY29	BCZ12		2N2944	2N2945	
2N1921	S	P	A	BCZ12			2N2944	2N2945	
2N1922	S	P	A	BCZ12			2N2944	2N2945	
2N1924	G	P	A	ASY77	ASY48IV	AC131-30	2N1305	2N1307	
2N1925	G	P	A	ASY77 AC131-30	ASY48IV	ASY48V	2N1307		
2N1926	G	P	A	ASY77					
2N1936	S	N	A				2N3846		
2N1937	S	N	A				2N3846		
2N1940	S	N	A				TI3027		
2N1943	S	N	A				2N1893	2N2243A	
2N1944	S	N	A				2N1893	2N2243A	
2N1945	S	N	A				2N1893	2N2243A	
2N1946	S	N	A				2N1893	2N2243A	
2N1954	G	P	A				2N651	2N2000	
2N1955	G	P	A				2N1190	2N2000	
2N1956	G	P	A				2N651	2N2000	
2N1957	G	P	A				2N1187	2N2000	
2N1958	S	N	A				2N2537		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1958A	S	N	A				2N2537		
2N1959	S	N	A				2N2537		
2N1959A	S	N	A				2N2537		
2N1960	G	P	A				2N964		
2N1961	G	P	A				2N964		
2N1962	S	N	A				2N834 2N3011	2N2369A	
2N1963	S	N	A				2N834 2N3011	2N2369A	
2N1964	S	N	A				2N2539 2N3015	2N2537	
2N1965	S	N	A				2N2539 2N3015	2N2537	
2N1968	G	P	A				2N2997		
2N1969	G	P	A				2N2996		
2N1970	G	P	A				2N1100		
2N1971	G	P	A				2N2140		
2N1972	S	N	A	BFX68			2N3643	2N2219	
2N1973	S	N	A	BSX46-10 BF109	BC141-10	BSX46	2N2219		
2N1974	S	N	A	BSX46-6 BF109	BC141-6	BSX46	2N3498		
2N1975	S	N	A	BSX46-6 BSX21	BC141-6	BSX46	2N3498		
2N1983	S	N	A	BCY65 BSY10	BSY92	BF177	2N2218		
2N1984	S	N	A	BFY33 BSY10	BSY91	BSX95	2N2218		
2N1985	S	N	A	BFY33	BSY91	BSX95	2N3642 2N1893	2N2218	
2N1986	S	N	A	BFX68 BSY10	BSX45	BFY65	2N3641	2N2218	
2N1987	S	N	A	BFX69	BSX45	BFY65	2N3643 2N1986	2N2218	
2N1988	S	N	A				2N2218A 2N2243A	2N1893	
2N1989	S	N	A				2N2218A 2N2243A	2N1893	
2N1990	S	N	A	BSX21 BSW66	BFY45	BFY65	2N1990 2N697	2N696	
2N1990N	S	N	A	BFY45					
2N1990S	S	N	A	BFY45					
2N1990R	S	N	A	BFY45					
2N1991	S	P	A	BFY64			2N5143 2N2905	2N1132	
2N1992	S	N	A				2N2369A	2N3011	
2N1993	G	N	A				2N1302	2N1306	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N1994	G	N	A				2N1306	2N1308	
2N1995	G	N	A				2N1306	2N1308	
2N1997	G	P	A				2N1307		
2N1998	G	P	A				2N1307		
2N1999	G	P	A				2N1997		
2N2000	G	P	A	ASY48	ACY24	OC123	2N2000		
2N2001	G	P	A						
2N2002	S	P	A				2N2944	2N2945	
2N2003	S	P	A				2N2944	2N2945	
2N2004	S	P	A				2N2944	2N2945	
2N2005	S	P	A				2N2944	2N2945	
2N2006	S	P	A				2N2944	2N2945	
2N2007	S	P	A				2N2944	2N2945	
2N2008	S	N	A				2N3500	2N2990	
2N2015	S	N	A				2N3715		
2N2016	S	N	A				2N3715		
2N2017	S	N	A						
2N2018	S	N	A				2N3738	2N3996	
2N2019	S	N	A				2N3738	2N3996	
2N2020	S	N	A				2N3738		
2N2021	S	N	A				2N3738		
2N2032	S	N	A				2N3713	2N1209	
							2N4914		
2N2033	S	N	A				2N3420		
2N2034	S	N	A				2N3421	2N4238	
2N2035	S	N	A				2N4911		
2N2036	S	N	A				2N4911		
2N2048	G	P	A				2N2955	2N2635	
2N2049	S	N	A	BFX68	BFY46	BF114	2N2219A		
				BF109					
2N2060	S	N	A	BFX70					
2N2060A	S	N	A	BFY83			2N2060		
2N2060B	S	N	A	BFX99			2N2060		
2N2061	G	P	A	AF149			2N3611	2N2836	
							2N3643		
2N2061A	G	P	A	AD150IV	AD149		2N2836	TI3027	
2N2062	G	P	A	AD149			2N3611	2N2836	
2N2062A	G	P	A	AD131IV	AD149IV	AD149	2N2836	TI3027	
2N2063	G	P	A	AD130III	AD131III	AD149	2N3611	2N2836	
				AD131V					
2N2063A	G	P	A	AD131IV	AD138	AD149	TI3027		
2N2064	G	P	A	AD130IV	AD149	OC26	2N3611	2N2836	
2N2064A	G	P	A	AD132III	AZ15		TI3027		2SB472

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2065	G	P	A	AD131III OD603/50	AD132II	AD132IV	2N3615		
2N2065A	G	P	A	AD132III	AZ15		TI3027	TI3030	2SB472
2N2066	G	P	A	AD131IV	GFT4012	SFT250	2N3615		
2N2066A	G	P	A	AD132III	AD138/50	AZ15	2N1532 TI3030	TI3027	2SB472
2N2067	G	P	A				2N1536	2N2553	
2N2068	G	P	A				2N1531	2N2555	
2N2069	G	P	A				2N1539		
2N2070	G	P	A				2N1541		
2N2071	G	P	A				MPS1539		
2N2072	G	P	A				MPS1541		
2N2084	G	P	A	AFY11	AZ20	ASZ21	2N2189		
2N2085	G	N	A				2N1304		
2N2086	S	N	A				2N2243A		
2N2087	S	N	A				2N2243A		
2N2089	G	P	A	AF124 AF114	AF134	AF178	2N2188	2N2495	
2N2090	G	P	A	AF125 AF115	AF135	AF178	2N2190 2N2495	2N2188	2SA156
N2091	G	P	A	AF126 AF136	AF137 AF185	AF125 AF116	2N2190	2N2188	2SA240
N2092	G	P	A	AF127 AF117	AF137	AF185	2N2192	2N2189	2SA240
2N2093	G	P	A	AF127 AF185	AF127C AC117C	AF137	2N2193	2N2189	2SA240
2N2095	G	P	A				2N2999		
2N2096	G	P	A				2N2997		
2N2097	G	P	A				2N2997		
2N2098	G	P	A				2N2999		
2N2099	G	P	A				2N2997		
2N2100	G	P	A				2N2997		
2N2101	S	N	A				2N3487		
2N2102	S	N	A	BSX45VI BFY55	BSX47VI BSX64	BFR22	2N2270		
2N2104	S	P	A				2N2905		
2N2105	S	P	A				2N2904A	2N2905	
2N2106	S	N	A				2N2218 2N4238	2N2987	
2N2107	S	N	A				2N2218 2N4238	2N2987	
2N2108	S	N	A				2N2219 2N4238	2N2989	
2N2109	S	N	A				2N3846		
2N2110	S	N	A				2N3846		
2N2111	S	N	A				2N3846		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2112	S	N	A				2N3846		
2N2113	S	N	A				2N3846		
2N2114	S	N	A				2N3846		
2N2116	S	N	A				2N3846		
2N2117	S	N	A				2N3846		
2N2118	S	N	A				2N3846		
2N2119	S	N	A				2N3846		
2N2123	S	N	A				2N4002		
2N2124	S	N	A				2N4002		
2N2125	S	N	A				2N4002		
2N2126	S	N	A				2N4002		
2N2130	S	N	A				2N4002		
2N2131	S	N	A				2N4002		
2N2132	S	N	A				2N4002		
2N2133	S	N	A				2N4002		
2N2137	G	P	A	AD130IV	AUY19IV		2N1038	2N2552	
2N2137A	G	P	A	AD150III AUY19IV	AD150IV	AD130IV	2N1038		
2N2138	G	P	A	AD149IV	AUY19IV		2N1038	2N2552	
2N2138A	G	P	A	AD149	AUY19IV		2N1038	2N2552	
2N2139	G	P	A	AD131IV	AUY19IV		2N1038	2N2554	
2N2139A	G	P	A	AD131 AD131IV	AD138/50 AUY19IV	AD149	2N1038	2N2554	
2N2140	G	P	A	AD132IV	AUY20IV		2N1038	2N2555	
2N2140A	G	P	A	AD132IV	AUY20IV		2N1038	2N2555	
2N2141	G	P	A	AD163IV	AUYIV		2N1038	2N2555	
2N2141A	G	P	A	AD163IV	AUY34IV		2N1038	2N2555	
2N2142	G	P	A	AD130V	AUY19V				
2N2142A	G	P	A	AD130V	AUY19V				
2N2143	G	P	A	AD149V	AUY19V				
2N2143A	G	P	A	AD149	AD149V	AUY19V			
2N2144	G	P	A	AD131V	AUY19V				
2N2144A	G	P	A	AD131 AD131V	AD138/50 AUY19V	AD149			
2N2145	G	P	A	AD132V	AUY20V	AZ18			
2N2145A	G	P	A	AD132V	AUY20V				
2N2147	G	P	A	AD167	AD149		2N1907	2N2832	
2N2148	G	P	A	AD166	AD149		2N1908 2N2832	2N2837	
2N2162	G	P	A				2N2945	2N2946	
2N2163	S	P	A				2N2944	2N2945	
2N2164	S	P	A				2N2944	2N2945	
2N2165	S	P	A				2N2945	2N2946	
2N2166	S	P	A				2N2944	2N2945	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2167	S	P	A				2N2944	2N2945	
2N2168	G	P	A				2N2997		
2N2169	G	P	A				2N2996		
2N2170	G	P	A				2N2996		
2N2171	G	P	A				2N1376	2N1377	
2N2172	G	P	A				2N1376	2N1377	
2N2175	S	P	A				2N2944	2N2945	
2N2176	S	P	A				2N2944	2N2945	
2N2177	S	P	A				2N2944	2N2945	
2N2178	S	P	A				2N2944	2N2945	
2N2180	G	P	A				2N2635		
2N2181	S	P	A				2N2944	2N2945	
2N2182	S	P	A				3N108	3N111	
2N2183	S	P	A				2N2944	2N2945	
2N2184	S	P	A				3N108	3N111	
2N2185	S	P	A				2N2944	2N2945	
2N2186	S	P	A				3N108	3N111	
2N2187	S	P	A				3N108	3N111	
2N2188	G	P	A				2N3323		
2N2189	G	P	A				2N3323		
2N2190	G	P	A				2N3323		
2N2191	G	P	A				2N3323		
2N2192	S	N	A	BFX68A	BSX45	BFY70	2N2219A 2N3569	2N2243A	
2N2192A	S	N	A	BFX68A			2N2243A 2N3569	2N2219A	
2N2192B	S	N	A	BFX68A			2N2192A 2N3569	2N2243A	
2N2193	S	N	A	BSX45 BSY85	BFY444	BSY46	2N2218A 2N3568	2N2243A	2SC708
2N2193A	S	N	A				2N2243A 2N3568	2N2218A	
2N2193B	S	N	A				2N3568		
2N2194	S	N	A	BSX45	BSY71	BFY70	2N2218A	2N3567	
2N2194A	S	N	A				2N2218A	2N3567	
2N2194B	S	N	A				2N3567		
2N2195	S	N	A	BFY70			2N2218	2N3641	
2N2195A	S	N	A				2N2218	2N3641	
2N2195B	S	N	A				2N2218	2N3641	
2N2196	S	N	A				2N3766		
2N2197	S	N	A	BSX45			2N3766		
2N2201	S	N	A				2N3738	2N4239	
2N2202	S	N	A				2N3738	2N4239	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
??N2203	S	N	A				2N3738	2N4239	
??N2204	S	N	A				2N3738	2N4239	
??N2205	S	N	A	BSX87			2N835 2N4274	2N706	
??N2206	S	N	A	BSX87			2N835 2N3015	2N2410 2N3646	
??N2207	G	P	A	AF118					
??N2210	G	P	A				2N2075		
??N2214	S	N	A				2N706		
??N2216	S	P	A				2N3498		
??N2217	S	N	A	BFY72 BF168	BSX45	BCW77XVI	2N2218 2N3641	2N2219	
??N2218	S	N	A	BFX96 BSX73	BSX45 BSY34	BCW7VI	2N2219	2N3641	2SC479
??N2218A	S	N	A	BFY72	BCW78XVI	BSW53	2N2219	2N3641	
??N2218B	S	N	A	BFY72					
??N2219	S	N	A	BFX97 BSX74	BSX45 BSY34	BCW77XVI	2N3641		
??N2219A	S	N	A	BFY72	BCW78XVI	BSW54			
??N2220	S	N	A	BFY72			2N2222 2N4436	2N2221	
??N2221	S	N	A	BFX94 BF168	BSX45 BSX34	BCW73XVI	2N2220 2N4436	2N2222	
??N2221A	S	N	A	BFY72	BCW74XVI	BSW63	2N4436		
??N2222	S	N	A	BFX95 BFY34	BSX45 BSW64	BCW73XVI BSY44	2N2221	2N4437	
??N2222A	S	N	A	BFY83 BSW64	BSX45A	BCW74XVI	2N4437		
??N2223	S	N	A	BFX71					
??N2223A	S	N	A	BFX72					
??N2224	S	N	A				2N2218	2N2219	
??N2225	G	P	A				2N1143		
??N2230	S	N	A	BUY12	BUY56IV				
??N2236	S	N	A	BSY34	BSX73		2N2218 2N2243A	2N2193	
??N2237	S	N	A	BSY58	BSX73		2N2218 2N2243A	2N2192	
??N2239	S	N	A				2N3766		
??N2240	S	N	A				2N699	2N2243A	
??N2241	S	N	A				2N1890	2N2243A	
??N2242	S	N	A	BSX87			2N2501 2N2369A	2N2369 EN914	
??N2243	S	N	A	BSW65			2N2219		
??N2244	S	N	A				2N835	2N929	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2245	S	N	A				2N835 2N930	2N929	
2N2246	S	N	A				2N835 2N930	2N929	
2N2247	S	N	A				2N835 2N930	2N929	
2N2248	S	N	A				2N835 2N930	2N929	
2N2249	S	N	A				2N834 2N930	2N929	
2N2250	S	N	A				2N835 2N930	2N929	
2N2251	S	N	A				2N835 2N930	2N929	
2N2252	S	N	A				2N834 2N930	2N929	
2N2253	S	N	A				2N834 2N930	2N929	
2N2254	S	N	A				2N834 2N930	2N929	
2N2255	S	N	A				2N834 2N930	2N929	
2N2258	G	P	A				2N964	2N972	
2N2259	G	P	A				2N964	2N972	
2N2266	G	P	A				2N2145		
2N2267	G	P	A				2N2145		
2N2268	G	P	A				2N2145		
2N2269	G	P	A				2N2145		
2N2270	S	N	A				2N2219 2N2243A	2N2102 2N3053	
2N2271	G	P	A	AC153	AC117	AC128	2N404		
2N2272	S	N	A				2N914		
2N2273	G	P	A	AF121	AFY12	AF106			
2N2274	S	P	A				2N2944	2N2945	
2N2288	G	P	A				2N2526 2N1907	2N1046	
2N2289	G	P	A				2N2526		
2N2290	G	P	A				2N2526		
2N2291	G	P	A				2N1907		
2N2294	G	P	A				2N1907		
2N2297	S	N	A	BFY56 BSY46	BFY56A BFY55	BSX45 BSY40	2N2243A 2N3567	2N3252	2SC708
2N2303	S	P	A	BFY64			2N2801	2N3649	
2N2304	S	N	A				2N3766	2N4910	
2N2305	S	N	A				2N4913		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
W2308	S	N	A				2N4912		
W2309	S	N	A				2N696	2N697	
W2310	S	N	A				2N698	2N2243A	
W2311	S	N	A				2N698	2N2243A	
W2312	S	N	A				2N699	2N2243A	
W2313	S	N	A				2N1889	2N2243A	
W2314	S	N	A				2N698	2N2243A	
W2315	S	N	A				2N699	2N2243A	
							2N2222		
W2316	S	N	A				2N1893	2N2243A	
W2317	S	N	A				2N1613		
W2318	S	N	A				2N834	2N3014	
W2319	S	N	A				2N834	2N3014	
W2320	S	N	A				2N834	2N3014	
W2330	S	N	A				2N2432		
W2331	S	N	A				2N2432		
W2332	S	P	A				2N2944	2N2945	
W2333	S	P	A				2N2944	2N2945	
W2334	S	P	A				2N2944	2N2945	
W2335	S	P	A				2N2944	2N2945	
W2336	S	P	A				2N2944	2N2945	
W2337	S	P	A				2N2944	2N2945	
W2338	S	N	A				2N3713		
W2339	S	N	A				MJ3101	2N1049	
							2N4910		
W2350	S	N	A				2N2192	2N2243A	
W2350A	S	N	A				2N2192	2N2243A	
W2351	S	N	A	BSX33			2N2193	2N2243A	
							2N3568		
W2351A	S	N	A				2N2193A	2N2243A	
							2N3568		
W2352	S	N	A	BSX33			2N2194	2N2243A	
							2N3567		
W2352A	S	N	A	BSX33			2N2194	2N2243A	
							2N3567		
W2353	S	N	A	BSX33			2N2243	2N2243A	
							2N3643		
W2353A	S	N	A	BSX33			2N2243A		
W2354	G	N	A				2N1302		
W2356	S	N	A				2N76	2N79	
W2356A	S	N	A				3N74	3N79	
W2360	G	P	A	AF139			2N2997	2N3283	
W2361	G	P	A				2N3284	2N2997	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2362	G	P	A				2N3284		
2N2363	G	P	A				2N2997		
2N2364	S	N	A				2N2243A		
2N2364A	S	N	A				2N2243A		
2N2368	S	N	A	BSX92	BSY63	BSY21	2N3227	2N3641	2SC689
				BSX19	BSX20				
2N2369	S	N	A	BSX93	BSY19	BSY63	2N3227	2N4275	2SC689
				BSS11	BSX20		EN2369A		
2N2369A	S	N	A	BSX28	BSY63	BSX20	2N3227	2N2369A	
2N2370	S	P	A				2N2944	2N2945	
2N2371	S	P	A				2N2944	2N2945	
2N2372	S	P	A				2N2944	2N2945	
2N2373	S	P	A				2N2944	2N2945	
2N2374	G	P	A				2N3427	2N404	
2N2375	G	P	A				2N1193	2N404	
2N2376	G	P	A				2N1193	2N404	
2N2377	S	P	A				2N2944	2N2945	
2N2378	S	P	A				2N2944	2N2945	
2N2380	S	N	A				2N1893	2N2243A	
2N2380A	S	N	A				2N2217	2N2219	
2N2383	S	N	A				2N4914		
2N2384	S	N	A				2N4914		
2N2387	S	N	A	BC237A					
2N2388	S	N	A	BC237A					
2N2389	S	N	A	BSX45VI					
2N2396	S	N	A	BC140	BSY46		2N2221A		
2N2397	S	N	A				2N2369A	2N3011	
2N2398	G	P	A				2N3284	2N2997	
2N2399	G	P	A				2N3284	2N2997	
2N2400	G	P	A				2N964	2N711	
2N2401	G	P	A				2N964	2N711A	
2N2402	G	P	A				2N2956	2N964	
							2N711B		
2N2405	S	N	A				2N3498	2N1893	
							2N2243A		
2N2410	S	N	A	BSX60	BSX45/10	BFY51	2N2218	2N3015	2SC479
				BSX45	BSX61		2N2537		
2N2411	S	P	A	BCY78VII	BC178VI	BSY40	2N3250		
2N2412	S	P	A	BCY78	BSY41	BC178VI	2N3250		
2N2414	S	N	A				2N2060		
2N2415	G	P	A	AF186					
2N2417	S	P	A				2N3980		
2N2417A	S	P	A				2N3980		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
IN2417B	S	P	A				2N3980		
IN2418	S	P	A				2N3980		
IN2418A	S	P	A				2N3980		
IN2418B	S	P	A				2N3980		
IN2419	S	P	A				2N3980		
IN2419A	S	P	A				2N3980		
IN2419B	S	P	A				2N3980		
IN2420	S	P	A				2N3980		
IN2420A	S	P	A				2N3980		
IN2420B	S	P	A				2N3980		
IN2421	S	P	A				2N3980		
IN2421A	S	P	A				2N3980		
IN2421B	S	P	A				2N3980		
IN2422	S	P	A				2N3980		
IN2422A	S	P	A				2N3980		
IN2422B	S	P	A				2N3980		
IN2423	G	P	A				2N3616 2N3146	2N456A	
IN2424	S	P	A				2N2944	2N2945	
IN2425	S	P	A				2N2945	2N2946	
IN2427	S	N	A				2N929	2N930	
IN2428	G	P	A	AC151	AC122	AC126	2N1377 2N1381	2N652 2N2429	2SB459
IN2429	G	P	A	AC171 AC127	AC125 AC163	AC151 AC126	2N1377 2N1381	2N652	
IN2430	G	N	A	AC152 AC127	AC186	AC128	2N1304		
IN2431	G	P	A	AC153V AC153	AC128	AC117	2N1377	2N1381	2SB770A
IN2432	S	N	A	BCY59					
IN2436	S	N	A	BC110					
IN2437	S	N	A				2N1893	2N2243A	
IN2438	S	N	A				2N1893	2N2243A	
IN2439	S	N	A				2N1893	2N2243A	
IN2443	S	N	A				2N1890	2N2243A	
IN2444	G	P	A				2N456A	2N3146	
IN2445	G	P	A				2N456A	2N3146	
IN2447	G	P	A				2N1187	2N1309	
IN2448	G	P	A				2N1187	2N1309	
IN2449	G	P	A	AC151	AC122		2N1307	2N652	
IN2450	G	P	A	AC151	AC122	AC125	2N1307	2N652	
IN2451	G	P	A				2N2635		
IN2452	S	N	A	BPY65					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2453	S	N	A	BFY81			2N2453	2N3680	
2N2453A	S	N	A	BFY81			2N3680		
2N2456	G	P	A				2N2999		
2N2472	S	N	A				2N2432		
2N2473	S	N	A				2N2432		
2N2474	S	P	A				2N2432		
2N2475	S	N	A	BSX27	BSX44		2N3013		
2N2476	S	N	A	BSX30			2N3252	2N2539	
2N2477	S	N	A	BSX30			2N3252	2N2537	
							2N3015		
2N2478	S	N	A	BSW51			2N2218	2N2537	
							2N3015		
2N2479	S	N	A				2N2218	2N3252	
2N2480	S	N	A	BFY83			2N2060		
2N2480A	S	N	A	BFY83			2N2639	2N2640	
2N2481	S	N	A	BSX28			2N4275		
2N2482	S	N	A				2N797		
2N2483	S	N	A	BFX92A	BCY65EVII	BC107B	MM2483	2N2484	2SC648
				BCY65	BFY27		EN2483		
2N2484	S	N	A	BFX93A	BCY65EIX	BC107B	2N2483	MM2484	2SC648
				BCY66			EN2484		
2N2487	G	P	A				2N2966		
2N2488	G	P	A				2N2966		
2N2489	G	P	A				2N2966		
2N2494	G	P	A	AF106	AF190	AF102	2N2996	2N2495	
				AF178					
2N2495	G	P	A	AF106	AF178		2N2996		
2N2496	G	P	A				2N2996		
2N2501	S	N	A				2N3014		
2N2509	S	N	A	BFY77			2N3014	SE4001	
2N2510	S	N	A	BFY77			2N930	2N3565	
2N2511	S	N	A	BFY77			2N3444	2N2484	
							2N2586	SE4010	
2N2512	G	P	A	AF118					
2N2520	S	N	A				2N929	2N930	
2N2521	S	N	A				2N929	2N930	
2N2522	S	N	A				2N929	2N930	
2N2523	S	N	A				2N929	2N930	
2N2524	S	N	A				2N930		
2N2526	G	P	A	AU103	AU105				
2N2527	G	P	A	AU103	AU105				
2N2528	G	P	A	AU103	AU105				
2N2535	G	P	A				2N1038	2N2565	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
'N2536	G	P	A				2N1038	2N2565	
'N2537	S	N	A	BSY34	BSX73		2N3015		
'N2538	S	N	A	BSY34	BSX73		2N2219	2N3015	
'N2539	S	N	A	BSX49			2N2222A 2N2222	2N3015	
'N2540	S	N	A	BSX49			2N2222A 2N2222	2N3015	
'N2541	G	P	A				2N1038		
'N2552	G	P	A				2N1038		
'N2553	G	P	A				2N1038		
'N2554	G	P	A				2N1038		
'N2555	G	P	A				2N1038		
'N2556	G	P	A				2N1038		
'N2557	G	P	A				2N1038		
'N2558	G	P	A				2N1038		
'N2559	G	P	A				2N1038		
'N2560	G	P	A				2N1038		
'N2561	G	P	A				2N1038		
'N2562	G	P	A				2N1038		
'N2563	G	P	A				2N1038		
'N2564	G	P	A				2N1038		
'N2565	G	P	A				2N1038		
'N2566	G	P	A				2N1038		
'N2567	G	P	A				2N1038		
'N2569	S	N	A				2N2432		
'N2570	S	N	A	BSY62	BSX20		2N2432		
'N2581	S	N	A				2N3847		
'N2582	S	N	A				2N3847		
'N2583	S	N	A				2N3847		
'N2586	S	N	A	BFY77	BCY66	BC107A	2N2484	SE4020	
'N2588	G	P	A				2N1038	2N2188	
'N2590	S	P	A				2N2604	2N2605	
'N2591	S	P	A				2N2604	2N2605	
'N2592	S	P	A				2N2604	2N2605	
'N2593	S	P	A				2N2604	2N2605	
'N2595	S	P	A				2N2604	2N2605	
'N2596	S	P	A				2N2604	2N2605	
'N2597	S	P	A				2N736		
'N2598	S	P	A				2N2604	2N2605	
'N2599	S	P	A				2N2604	2N2605	
'N2599A	S	P	A				2N2604	2N2605	
'N2600	S	P	A				2N2604	2N2605	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2600A	S	P	A				2N2604	2N2605	
2N2601	S	P	A				2N2604	2N2605	
2N2602	S	P	A				2N2604	2N2605	
2N2603	S	P	A				2N2604	2N2605	
2N2604	S	P	A	BC177VI	BCY79IX		2N2605		
2N2605	S	P	A	BFX37 BCY179X	BC177A	BCY79X	2N3798	2N4248	
2N2605A	S	P	A				2N2605	2N4250A	
2N2610	S	N	A				2N1149		
2N2612	G	P	A				2N1559		
2N2613	G	P	A	AC126	AC160gr		2N404 2N2429	2N1193	2SC459
2N2614	G	P	A	AC163	AC160gr	AC126	2N404 2N2429	2N1193	
2N2615	S	N	A	BFY78					
2N2616	S	N	A	BFY78			2N917 2N3563	2N918	
2N2617	S	P	A	BCZ11			2N2944	2N2945	
2N2632	S	N	A				2N3487	2N3421	
2N2633	S	N	A				2N3488	2N3421	
2N2634	S	N	A				2N3489	2N3421	
2N2639	S	N	A	BFY81					
2N2640	S	N	A	BFY81					
2N2641	S	N	A	BFY81			2N2639		
2N2642	S	N	A	BFY81					
2N2643	S	N	A	BFY81			2N2642		
2N2644	S	N	A	BFY81			2N2643		
2N2645	S	N	A	BSX33			2N1711	2N2219	
2N2646	S	P	A				TIS43		
2N2647	S	P	A				2N3980		
2N2648	G	P	A				2N1377	2N1379	
2N2651	S	N	A	BSX39			2N2501 EN3014	2N3554	
2N2652	S	N	A	BFY83			2N2060	2N2639	
2N2652A	S	N	A	BFY83			2N2060	2N2639	
2N2654	G	P	A	AF201 AF179	AF121	AF202	2N654		
2N2657	S	N	A	BFX34			2N2151	2N4238	
2N2658	S	N	A	BFX34	BLY17		2N2151	2N4239	
2N2659	G	P	A				2N1038		
2N2660	G	P	A				2N1038		
2N2661	G	P	A				2N1038		
2N2662	G	P	A				2N1038		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2663	G	P	A				2N1038		
2N2664	G	P	A				2N1038		
2N2665	G	P	A				2N1038		
2N2666	G	P	A				2N1038		
2N2667	G	P	A				2N1038		
2N2668	G	P	A				2N1038		
2N2669	G	P	A				2N1038		
2N2670	G	P	A				2N1038		
2N2671	G	P	A	AF178			2N2495		
2N2672	G	P	A	AF185					
2N2692	S	N	A	BCY59	BCY70				
2N2693	S	N	A	BCY59	BCY70				
2N2694	S	N	A	BCY59	BC108A				
2N2695	S	P	A	BSX36	BCY78	BC328	2N2907	EN722	
2N2696	S	P	A	BSX36	BCY78		2N2906	2N2837	
							2N2907	EN722	
2N2697	S	N	A				2N3998		
2N2698	S	N	A				2N3998		
2N2699	G	P	A				2N964		
2N2706	G	P	A	AC151	AC131	AC126	2N404	2N2431	
				AC128	AC132	AC152			
2N2707	G	P	A	AC153	AC124	AC128	2N2704		
2N2708	S	N	A				2N918		
2N2709	S	P	A				2N2800	2N2944	
							2N2945		
2N2710	S	N	A	BSX27			EN3014		
2N2711	S	N	A	BC168A	BC238A		MPS2711	TIS98	2SC458
							2N5135	2N3691	
2N2712	S	N	A	BC168A	BC238A		MPS2712	TIS98	2SC458
							2N5135	2N3692	
2N2713	S	N	A	BC168A	BC238A		MPS2713	TIS98	2SC458
							2N5135	2N4275	
2N2714	S	N	A	BC168A	BSX38	BC238A	2N708	MPS2714	2SC458
							TIS98	2N5135	
2N2715	S	N	A	BC168A	BC238A		MPS2715	TIS98	2SC458
2N2716	S	N	A	BC168A	BC238A		MPS2716		2SC458
2N2717	G	P	A	ASZ21			2N2635		
2N2720	S	N	A				2N2060	2N2639	
2N2721	S	N	A				2N2060	2N2639	
							2N2640		
2N2722	S	N	A				2N2916	2N2639	
2N2729	S	N	A	BFX73			2N3563		
2N2730	G	P	A				MP506		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2731	G	P	A				MP505		
2N2732	G	P	A				MP504		
2N2733	G	P	A				MP506		
2N2734	G	P	A				MP505		
2N2735	G	P	A				MP504		
2N2736	G	P	A				MP506		
2N2737	G	P	A				MP505		
2N2738	G	P	A				MP504		
2N2784	S	N	A				2N2369A	2N3010	
2N2786	G	P	A	AFY18	AF139		2N2218		
2N2787	S	N	A				2N2218		
2N2788	S	N	A				2N2218A		
2N2789	S	N	A				2N2219A		
2N2790	S	N	A				2N2218		
2N2791	S	N	A				2N2221A		
2N2792	S	N	A				2N2222A		
2N2795	G	P	A				2N2635		
2N2796	G	P	A				2N2635		
2N2797	G	P	A				2N2635		
2N2798	G	P	A				2N2635		
2N2799	G	P	A				2N2635		
2N2800	S	P	A	BFY64	BC160VI		2N1132	2N2904	
							2N2905	EN1132	
2N2801	S	P	A	BFY64	BC160VI		2N1132	2N3244	
							2N3644		
2N2802	S	P	A				2N3350		
2N2803	S	P	A				2N3350		
2N2804	S	P	A				2N3350		
2N2805	S	P	A				2N3350		
2N2806	S	P	A				2N3350		
2N2807	S	P	A				2N3350		
2N2811	S	N	A				2N3487	2N4301	
2N2812	S	N	A				2N3488	2N4301	
2N2813	S	N	A				2N3489	2N4301	
2N2814	S	N	A				2N3490	2N4301	
2N2815	S	N	A				2N4002		
2N2816	S	N	A				2N3846		
2N2817	S	N	A				2N3846		
2N2818	S	N	A				2N3846		
2N2819	S	N	A				2N3846		
2N2820	S	N	A				2N3846		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2821	S	N	A				2N3846		
2N2822	S	N	A				2N3846		
2N2823	S	N	A				2N3846		
2N2824	S	N	A				2N3846		
2N2825	S	N	A				2N3846		
2N2832	G	P	A				2N1907	2N1908	
2N2835	G	P	A	AD148	AD139	AD149	2N1038 2N2836	2N2564	
2N2836	G	P	A	AD149	AD148		2N3612		
2N2837	S	P	A	BSX36			2N2904 EN722	2N2905	
2N2838	S	P	A	BSX36			2N2904 EN722	2N2905	
2N2840	S	P	A				2N489	2N491A	
2N2845	S	N	A				2N2539 2N3015	2N2537	
2N2846	S	N	A	BSX30			2N2537	2N3015	
2N2847	S	N	A				2N2539 2N3015	2N2537	
2N2848	S	N	A	BSX30			2N2538 2N3015	2N2537	
2N2850	S	N	A				2N3421		
2N2851	S	N	A				2N3421		
2N2852	S	N	A				2N3419		
2N2853	S	N	A				2N3418		
2N2855	S	N	A				2N3420		
2N2856	S	N	A				2N3418		
2N2857	S	N	A	BFX62			2N918	SE3005	2SC463
2N2860	G	P	A				2N964		
2N2863	S	N	A	BFY51					
2N2864	S	N	A	BFY51					
2N2865	S	N	A	BSY62	BSY70	BF180			2SC321
2N2868	S	N	A	BFY56	BSX45	BSX22	2N4231 2N3052	2N2243A 2N3252	
2N2869	G	P	A	AD131III AD131	AD138/50	AD149	MP2015	2N3614	2SB471
2N2870	G	P	A	AUY21II AUY22	AUY28	ASZ18	MP2016	2N3617	2SB340
2N2873	G	P	A				2N2997		
2N2875	S	P	A				2N3418		
2N2876	S	N	A				2N3632		
2N2877	S	N	A				2N3998		
2N2878	S	N	A				2N3998		
2N2879	S	N	A				2N3998		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2880	S	N	A				2N3998		
2N2881	S	P	A				2N3740	2N4235	
							2N5333		
2N2882	S	P	A				2N3741	2N4236	
							2N5333		
2N2883	S	N	A	BFW17			2N3309	2N3553	
2N2884	S	N	A	BFW17			2N3309	2N3553	
2N2885	S	N	A				2N849		
2N2886	S	N	A				2N696	2N697	
2N2890	S	N	A	BSX47XVI	BSW66	BDY12	2N3421	2N3507	
2N2891	S	N	A	BSX47X	BD140	BDY12	2N3421	2N3507	
2N2892	S	N	A				2N3998		
2N2894	S	P	A	BSX29	BCY78		2N3248	2N2894A	
2N2894A	S	P	A				EN2894A		
2N2901	S	N	A				3N74		
2N2903	S	N	A	BFY81			2N2917	2N2639	
							2N2640		
2N2903A	S	N	A	BFY81			2N2915	2639	
2N2904	S	P	A	BSW23	BCW80/10		2N2905	EN2905	
2N2904A	S	P	A	BFY64	BC161X	BCW80/10	2N2905	2N3645	
2N2905	S	P	A	BFY64	BCW80XVI		EN2905		
2N2905A	S	P	A	BFY64	BC161X	BCW80XVI	2N2905	2N3645	
2N2906	S	P	A	BSW24	BCW76X		2N2907	EN2907	
2N2906A	S	P	A	BSX36	BC161X	BCW76X	2N2907	2N3645	
2N2907	S	P	A	BSX36	BCW76XVI		EN2907		
2N2907A	S	P	A	BSX38	BC161X	BCW76XVI	2N2907	2N3649	
2N2909	S	N	A				2N2193A	2N2243A	
2N2910	S	N	A				2N3409	2N2639	
2N2911	S	N	A				2N3766	2N3421	
2N2913	S	N	A	BFY81			2N2643		
2N2914	S	N	A	BFY81			2N2643		
2N2915	S	N	A	BFW39			2N2920		
2N2915A	S	N	A	BFY81			2N2920		
2N2916	S	N	A	BFW40			2N2920		
2N2916A	S	N	A	BFY81			2N2920		
2N2917	S	N	A	BFY81			2N2977		
2N2918	S	N	A	BFY81			2N2977		
2N2919	S	N	A	BFY81			2N2920		
2N2919A	S	N	A	BFY81	BFW39A		2N2920		
2N2920	S	N	A	BFY81			2N2920		
2N2920A	S	N	A	BFW40A			2N2920		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
:2N2921	S	N	A	BC237 BC168A	BC182 B129B	BC207 BC107B	MPS6565	TIS98	
:2N2922	S	N	A	BC238 BC168A	BC183 BC172	BC209	MPS6512	TIS98	
:2N2923	S	N	A	BC168A BC183	BC183A BC238	BC172	MPS2923 2N5135	TIS98	
:2N2924	S	N	A	BC168A BC238	BC172	BC183	MPS2924 2N5135	TIS98	
:2N2925	S	N	A	BC168B	BC172	BC183	2N3566 MPS2925	TIS98	
:2N2926	S	N	A	BC109	BC172	BC183	2N5135 MPS2926	TIS98	
:2N2926br	S	N	A	BC168A					
:2N2926r	S	N	A	BC168A					
:2N2926or	S	N	A	BFY64	BC168A				
:2N2926g	S	N	A	BC168A					
:2N2926gr	S	N	A	BC168B					
:2N2927	S	P	A	BFY64			2N3638		
:2N2929	G	P	A				2N1141		
:2N2930	G	P	A				2N3427		
:2N2937	S	N	A				2N2639		
:2N2940	S	N	A	BC160	BCY12		2N1132	MPS2940	
:2N2942	G	P	A				2N2635		
:2N2943	G	P	A				2N2635		
:2N2944	S	P	A	BC178VI			2N2945		
:2N2944A	S	P	A				2N2945		
:2N2945	S	P	A	BC178VI					
:2N2946	S	P	A				2N3964		
:2N2953	G	P	A	AC153	AC117r	AC128	2N1194	2N2431	
:2N2954	S	N	A				2N918		
:2N2955	G	P	A				2N2635		
:2N2956	G	P	A	BSY18 ASY48	BSX20	BSY21	2N2635		2SC321
2N2957	G	P	A				2N2635		
2N2958	S	N	A				2N2217 2N3641	2N2219	
2N2959	S	N	A				2N697	EN1711	
2N2966	G	P	A				2N3283	2N2997	
2N2968	S	P	A				2N2944	2N2945	
2N2969	S	P	A				2N2944	2N2945	
2N2970	S	P	A				2N2944	2N2945	
2N2971	S	P	A				2N2944	2N2945	
2N2972	S	N	A	BFY61			2N2977		
2N2973	S	N	A	BFY81			2N2977		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N2974	S	N	A	BFW51			2N2979		
2N2975	S	N	A	BFW52			2N2977		
2N2976	S	N	A	BFY81			2N2977		
2N2977	S	N	A	BFY81					
2N2978	S	N	A	BFY81			2N2979		
2N2979	S	N	A	BFY81					
2N2980	S	N	A	BFY83			2N2060A		
2N2981	S	N	A	BFY83			2N2223		
2N2982	S	N	A	BFY83			2N2223A		
2N2996	G	P	A				2N3283		
2N2997	G	P	A				2N3279		
2N2998	G	P	A				2N3284		
2N2999	G	P	A				2N3283		
2N3009	S	N	A	BSX39 BSX20	BSY18	BSY21	2N3511	EN3009	2SC321
2N3010	S	N	A	BSX27 BSX19	BSY18	BSY21	2N2369A		
2N3011	S	N	A	BSX28 BSX20	BSY63 BSY62B	BSY19 BSS12	2N2369	EN3011	
2N3012	S	P	A	BSX29 BC178VI	BSY62	BSY70	MM2894 2N4313	2N2894	
2N3013	S	N	A	BSX26 BSX19	BSX48 BSY21	BSX20 BSY63	2N3511	EN3013	
2N3014	S	N	A	BSX26	BSX48	BSX20	2N3511	EN3014	
2N3015	S	N	A	BSX30	BSY34		2N2218	2N2537	
2N3019	S	N	A	BFY56			2N2243A	SE6021	
2N3020	S	N	A	BFY56			2N1893 SE6023	2N2243A	
2N3021	S	P	A				2N5384		
2N3022	S	P	A				2N5384		
2N3023	S	P	A				2N5384		
2N3024	S	P	A				2N5384		
2N3025	S	P	A				2N5384		
2N3026	S	P	A				2N5384		
2N3033	S	N	A	BF177					
2N3034	S	N	A	BF177					
2N3035	S	N	A	BC107A					
2N3036	S	N	A	BFY45	BFY80	BSX21	2N3019		
2N3037	S	N	A				2N1893		
2N3038	S	N	A				2N1893		
2N3043	S	N	A				2N2916		
2N3044	S	N	A				2N2918		
2N3045	S	N	A				2N2914		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N3046	S	N	A				2N2915		
2N3047	S	N	A				2N2917		
2N3048	S	N	A				2N2913		
2N3053	S	N	A	BSX45			2N2243A	2N3498	
2N3054	S	N	A	BUY46	BDY13				
2N3055	S	N	A	BDY39	BDX10		2N3713		
2N3056	S	N	A	BSX33			2N2243 EN870	2N2243A	
2N3056A	S	N	A	BSX33			2N2243A	EN870	
2N3057	S	N	A	BSX33			2N2243 2N4946	2N2243A	
2N3057A	S	N	A	BSX33			2N2243A	SE6023	
2N3058	S	P	A				2N2944	2N2945	
2N3059	S	P	A				2N2944	2N2945	
2N3060	S	P	A	BSY16	BCY11		2N2944	2N2945	
2N3061	S	P	A				2N2944	2N2945	
2N3062	S	P	A				2N2944	2N2945	
2N3063	S	P	A				2N2944	2N2945	
2N3064	S	P	A				2N2944	2N2945	
2N3065	S	P	A				2N2944	2N2945	
2N3072	S	P	A	BFY64			2N2904 2N3645	2N2905	
2N3073	S	P	A	BFY64			2N2906 2N3645	2N2907	
2N3074	G	P	A	AF106	AF109	AF180			2SA230
2N3075	G	P	A	AF200	AF181	AF121			2SA230
2N3077	S	N	A				2N2484		
2N3079	S	N	A				2N3846		
2N3080	S	N	A				2N3847		
2N3082	S	N	A				3N76	3N79	
2N3083	S	N	A				3N74	3N79	
2N3107	S	N	A				2N2243 SE6020	2N2243A	
2N3108	S	N	A	BFW24 BFY44	BSX46XVI BSX45	BSY46	2N1613	2N3568	
2N3109	S	N	A	BFW25			2N697	SE6021	
2N3110	S	N	A	BFY56 BFY44	BFW26 BFX45	BSX45VI	2N2218A SE6021	2N2243A	
2N3114	S	N	A	BFY57	BD115		2N3500	2N5183	
2N3115	S	N	A				2N2221 2N4436	2N2222	
2N3116	S	N	A				2N2221 2N4437	2N2222	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N3117	S	N	A	BFY77 BSX20	BSY63 BSY21	BSY19	2N2484	SE4020	
2N3120	S	P	A	BFY64			2N2800	EN1132	
2N3121	S	P	A	BSX36			2N2837 2N2907	2N2906 EN722	
2N3125	G	P	A				2N456A	2N3146	
2N3126	G	P	A				2N456A	2N3146	
2N3132	G	P	A	ADY26			2N1100	TI3031	
2N3133	S	P	A	BSV15VI			2N2904 EN1122	2N2905	
2N3134	S	P	A	BFY64			2N2905	2N3644	
2N3135	S	P	A	BSX36			EN722		
2N3137	S	N	A	BSY58			2N2218 2N3564	2N3014	
2N3138	S	N	A				2N3766		
2N3146	G	P	A				2N3616	2N456A	
2N3147	G	P	A				2N3616	2N456A	
2N3153	S	N	A				2N2432		
2N3162	S	N	A				2N3411		
2N3167	S	P	A				MJ2267		
2N3168	S	P	A				2N3789		
2N3169	S	P	A				2N3790		
2N3170	S	P	A				2N3790		
2N3171	S	P	A				MJ2267		
2N3172	S	P	A				2N3789		
2N3173	S	P	A				2N3790		
2N3174	S	P	A				2N3790		
2N3175	S	P	A				MJ2267		
2N3176	S	P	A				2N3789		
2N3177	S	P	A				2N3790		
2N3178	S	P	A				2N3790		
2N3179	S	P	A				MJ2267		
2N3180	S	P	A				2N3789		
2N3181	S	P	A				2N3790		
2N3182	S	P	A				2N3790		
2N3183	S	P	A				2N3789		
2N3184	S	P	A				2N3789		
2N3185	S	P	A				2N2790		
2N3186	S	P	A				2N3790		
2N3187	S	P	A				MJ2267		
2N3188	S	P	A				2N3789		
2N3189	S	P	A				2N3790		
2N3190	S	P	A				2N3790		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N3192	S	P	A				2N3789		
2N3193	S	P	A				2N3790		
2N3194	S	P	A				2N3790		
2N3196	S	P	A				2N3789		
2N3197	S	P	A				2N3790		
2N3198	S	P	A				2N3790		
2N3200	S	P	A				2N3740		
2N3201	S	P	A				2N3741		
2N3202	S	P	A				2N5333		
2N3203	S	P	A				2N3740	2N5333	
2N3204	S	P	A				2N3741	2N5333	
2N3205	S	P	A				2N5333		
2N3206	S	P	A				2N3740	2N5333	
2N3207	S	P	A				2N3741	2N5333	
2N3208	S	P	A				2N3740		
2N3209	S	P	A	BSX29			MM2894 2N4313	2N3576	
2N3217	S	P	A				2N2944	2N2945	
2N3218	S	P	A				2N2944	2N2945	
2N3219	S	P	A				2N2944	2N2945	
2N3220	S	N	A				2N3767		
2N3221	S	N	A				2N3767		
2N3222	S	N	A				2N3766		
2N3223	S	N	A				2N3766		
2N3224	S	P	A				2N3498	2N2905	
2N3225	S	P	A				2N3498		
2N3226	S	N	A				2N4913		
2N3227	S	N	A				2N2369A	2N3011	
2N3232	S	N	A				2N3715		
2N3233	S	N	A				2N4347		
2N3235	S	N	A				2N3715		
2N3236	S	N	A				2N3716		
2N3238	S	N	A				2N3716		
2N3239	S	N	A				2N3716		
2N3241	S	N	A				2N2222		
2N3241A	S	N	A	BC14VI	BSX75	BC140	2N2222		
2N3242	S	N	A				2N730	2N2222	
2N3242A	S	N	A	BC140X	BSX75		2N2222	2N730	
2N3246	S	N	A				2N2484		
2N3247	S	N	A				2N2484		
2N3248	S	P	A				2N2894		
2N3249	S	P	A				2N2894		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N3250	S	P	A	BFX48			EN3250		
2N3250A	S	P	A				2N4121	2N4121	
2N3251	S	P	A	BFX48	BCY79VII	BC177	2N3250	2N4922	
2N3251A	S	P	A				2N3250	2N4922	
2N3252	S	N	A	BFX17	BSY34	BFY51	2N2218	2N3250	
				BFY55	BSX45	BSY45			
2N3253	S	N	A	BSX32	BSX45	BSX59			
2N3261	S	N	A	BSS10	BSX20				
2N3263	S	N	A				2N4002		
2N3264	S	N	A				2N4002		
2N3265	S	N	A				2N4002		
2N3266	S	N	A				2N4002		
2N3268	S	N	A				2N337		
2N3279	G	P	A				2N2997		
2N3280	G	P	A				2N2997		
2N3281	G	P	A				2N2996		
2N3282	G	P	A				2N2996		
2N3283	G	P	A				2N2996		
2N3284	G	P	A				2N2996		
2N3285	G	P	A				2N2996		
2N3286	G	P	A				2N2996		
2N3287	S	N	A				2N2944	2N2945	
2N3288	S	N	A				2N2944	2N2945	
2N3289	S	N	A				2N918		
2N3291	S	N	A				2N918		
2N3292	S	N	A				2N918		
2N3293	S	N	A				2N918		
2N3294	S	N	A				2N918		
2N3295	S	N	A				2N2217	2N2219	
2N3299	S	N	A	BFY72			2N2218A	2N2537	
							2N3015	2N3641	
2N3300	S	N	A	BFY72	BSY34	BSX73	2N2219A	2N3643	
				BSX61					
2N3301	S	N	A	BFX94			2N2221A	2N4436	
2N3302	S	N	A	BFX95			2N2222A	2N4437	
2N3303	S	N	A	BSX12					
2N3304	S	P	A	BSX20			2N3546	2N2894	
							2N3639		
2N3305	S	P	A				2N2907		
2N3306	S	P	A				2N2907		
2N3309	S	N	A				2N3309A	2N3553	
2N3309A	S	N	A				2N3553		
2N3317	S	P	A				2N2944	2N2945	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
:2N3318	S	P	A				2N2944	2N2945	
:2N3319	S	P	A				2N2944	2N2945	
:2N3320	G	P	A				2N964		
:2N3321	G	P	A				2N964		
:2N3326	S	N	A				2N2218A	2N3567	
:2N3327	S	N	A	BFY44					
:2N3337	S	N	A	BFY79			2N3287	2N2883	
							2N3688		
:2N3338	S	N	A	BFY79			2N3289	2N2883	
							2N3689		
:2N3339	S	N	A				2N3288	2N2883	
							2N3690		
:2N3341	S	P	A				2N2604	2N2605	
:2N3342	S	P	A				2N2944	2N2945	
:2N3343	S	P	A				2N2944	2N2945	
:2N3344	S	P	A				2N2944	2N2945	
:2N3345	S	P	A				2N2944	2N2945	
:2N3346	S	P	A				2N2944	2N2945	
:2N3347	S	P	A				2N3350		
:2N3348	S	P	A				2N3350		
:2N3349	S	P	A				2N3350		
2N3351	S	P	A				2N3350		
2N3352	S	P	A				2N3350		
2N3375	S	N	A	BLY22	BLY59				
2N3390	S	N	A	BC168	BC130C	BC108C	MPS6521	TIS98	
				BC173C	BC183C		2N5961	2N6002	
2N3391	S	N	A	BC173	BC183	BC238	MPS6515	TIS98	
				BC238B			2N5961	2N3565	
2N3391A	S	N	A	BC169B	BC148B	BC238B	MPS6520	TIS98	
				BC108	BC173	BC184	2N4401	SE6002	
2N3392	S	N	A	BC168A	BC130A	BC238	MPS3392	TIS98	2SC458
				BC109	BC172	BC183	SE6002		
2N3393	S	N	A	BC167A	BC130A	BC108	MPS3393	TIS98	2SC458
				BC172	BC183	BC238	SE6002		
2N3394	S	N	A	BC168A	BC130A	BC108	MPS3394	TIS98	2SC458
				BC208	BC172	BC238	2N4401	2N3566	
2N3395	S	N	A	BC168A	BC130	BC108	MPS3395	TIS98	2SC458
				BC168B	BC168C	BC172	SE6002		
2N3396	S	N	A	BC168A	BC168B	BC168C	MPS3396	TIS98	2SC458
				BC130	BC108	BC183	2N4401	SE6002	
2N3397	S	N	A	BC168A	BC130	BC108	MPS3397	TIS98	2SC458
				BC168B	BC168C	BC183	2N4400	2N5135	
2N3398	S	N	A	BC168A	BC130	BC108	MPS3398	TIS98	2SC458
				BC168B	BC168C		2N4400	2N5135	
2N3399	G	P	A	AF139			2N2996		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N3401	S	P	A				2N2944	2N2945	
2N3402	S	N	A	BC108	BC338	BC183	2N5449	MPS6513	2SC458
							2N4401	SE6002	
2N3403	S	N	A	BC108	BC338	BC172	2N5449	MPS6513	2SC458
				BC183			2N4401	SE6002	
2N3404	S	N	A	BC337			2N2449	MPSA05	
							MPSA06	2N5856	
2N3405	S	N	A	BC337			2N2449	MPSA05	
							MPSA06	2N5856	
2N3409	S	N	A				2N2639		
2N3410	S	N	A				2N2639		
2N3411	S	N	A				2N2639		
2N3414	S	N	A	BC338			MPS6513	2N5449	
							2N4401	2N3566	
2N3415	S	N	A	BC338			MPS6515	2N5449	
							2N4401	2N3566	
2N3416	S	N	A	BC141	BC107A	BC337	2N5449	MPS6515	
				BC182			MPSA05	SE6020	
2N3417	S	N	A	BC337			MPS5615	2N5449	
							MPSA05	SE6020	
2N3423	S	N	A	BFY84			2N2639		
2N3424	S	N	A	BFY84			2N2639		
2N3425	S	N	A				2N3014		
2N3426	S	N	A	BSX12			2N3303	2N3426	
2N3427	G	P	A				2N1377		
2N3428	G	P	A				2N1377		
2N3429	S	N	A				2N3713		
2N3430	S	N	A				2N3714		
2N3439	S	N	A				MJ3201	2N5058	
2N3440	S	N	A				MJ3202		
2N3441	S	N	A	BUY14			2N3442	2N3738	
2N3442	S	N	A	BUY12	BDX11		MJ3010		
2N3444	S	N	A	BFX17	BSX61				
2N3445	S	N	A				2N3715		
2N3446	S	N	A				2N3714		
2N3447	S	N	A	BDY61			2N3715		
2N3448	S	N	A				2N3716		
2N3450	S	N	A	BFY50					
2N3464	S	N	A				2N3053		
2N3465	S	N	A				2N3466		
2N3466	S	N	A				2N3465		
2N3467	S	P	A	BC160			2N2905		
2N3468	S	P	A				2N2905		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N3469	S	N	A				2N3420		
2N3476	S	N	A	BUY12	BUY56IV		2N3442		
2N3485	S	P	A	BCW76X			2N2907 EN722	2N2906A	
2N3485A	S	P	A	BSX36	BCW76X		2N2907 EN722	2N2906	
2N3486	S	P	A	BSX36	BCW76XVI		2N2907 EN2907	2N2907A	
2N3486A	S	P	A	BSX36	BCW76XVI		2N2907	EN2907	
2N3493	S	N	A				2N4252		
2N3494	S	P	A				2N2605		
2N3495	S	P	A				2N2605		
2N3496	S	P	A				2N2605		
2N3497	S	P	A				2N2605		
2N3498	S	N	A				2N697	2N698	
2N3499	S	N	A				2N5058		
2N3500	S	N	A				2N2243A		
2N3501	S	N	A				2N2243A		
2N3502	S	P	A	BC161XVI	BC161		2N2905	EN3502	
2N3503	S	P	A	BC161XVI	BC161		2N2905A 2N3695	2N2905	
2N3504	S	P	A	BSX36	BC161XVI	BC161	2N2907	EN3504	
2N3505	S	P	A	BSX36	BC161XVI	BC161	2N2907A EN3504	2N2907	
2N3506	S	N	A				2N2989		
2N3507	S	N	A				2N2989		
2N3510	S	N	A	BSX26			EN3009		
2N3511	S	N	A	BSX26			EN3009		
2N3512	S	N	A				2N2537	2N3015	
2N3513	S	N	A				2N2480A 2N2640	2N2639	
2N3516	S	N	A				2N2639		
2N3518	S	N	A				2N3046		
2N3520	S	N	A				2N3043		
2N3521	S	N	A				2N2643	2N3043	
2N3522	S	N	A				2N2643		
2N3524	S	N	A				2N2639	2N2640	
2N3526	S	N	A	BFY57			2N5182		
2N3527	S	P	A				2N2944	2N2945	
2N3543	S	N	A	BDY61					
2N3544	S	N	A				2N918		
2N3546	S	P	A	BSX26			2N2894	2N3576	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N3549	S	P	A				2N2604	2N2605	
2N3550	S	P	A				2N2944	2N2945	
2N3553	S	N	A	BFY99	BFW47				
2N3554	S	N	A	BSX60					
2N3563	S	N	A				TIS62		
2N3565	S	N	A	BC238 BC183	BC172	BC208	MPS6514	TIS98	2SC485
2N3566	S	N	A				MPS6514	2N5449	
2N3567	S	N	A				MPS6530		
2N3568	S	N	A	BC337					
2N3569	S	N	A				MPS6531		
2N3570	S	N	A	BFX89					
2N3571	S	N	A				2N3570		
2N3572	S	N	A	BFX89			2N3570		
2N3579	S	P	A				2N2604	2N2605	
2N3580	S	P	A				2N2605		
2N3581	S	P	A				2N2605		
2N3582	S	P	A				2N2605		
2N3583	S	N	A				MJ2251		
2N3585	S	N	A	BDY94			2N3767		
2N3588	G	P	A	AF201	AF121	AF178	2N2495		2SA239
2N3597	S	N	A				2N3767	2N4002	
2N3598	S	N	A				2N3446	2N4002	
2N3599	S	N	A				2N3447	2N4002	
2N3600	S	N	A				2N918		
2N3605	S	N	A	BSY62			MPS3646 2N4275	2N5772	
2N3605A	S	N	A	BSY63	BSX20		MPS3646 2N4275	2N5772	2SC321
2N3606	S	N	A	BSY62			MPS3646 2N4275	2N5772	
2N3606A	S	N	A	BSY63	BSX20		MPS3646 2N4275	2N5772	2SC321
2N3607	S	N	A	BSY62	BSY70	BSX20	MPS3646 2N4275	2N5772	2SC321
2N3611	G	P	A	AUY21IV			TI3027		
2N3612	G	P	A	AUY21IV					
2N3613	G	P	A	AUY21IV			TI3027		
2N3614	G	P	A	AUY21V			TI3027	TI3028	
2N3615	G	P	A	AUY22IV	ASZ16		TI3027	TI30	
2N3616	G	P	A	AUY22IV	ASZ15		2N456A	2N3146	
2N3617	G	P	A	AUY22V	ASZ16		TI3027	TI3030	
2N3618	G	P	A	AUY22V			2N456A	2N3146	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N3632	S	N	A	BLY60					
2N3638	S	P	A				2N5447		
2N3638A	S	P	A				2N5447		
2N3639	S	P	A				MPS3639	TIS53	
2N3640	S	P	A				MPS3640	TIS54	
2N3641	S	N	A				MPS6530	2N5449	
2N3642	S	N	A	BC337			MPS6530	2N5449	
2N3643	S	N	A				MPS6531	2N5449	
2N3644	S	P	A	BC327			2N5449		
2N3645	S	P	A				2N4142		
2N3646	S	N	A				MPS3646	2N4422	
2N3647	S	N	A	BSX26			2N3303	2N3009	
2N3648	S	N	A	BSX26			2N3303	2N3009	
2N3659	S	N	A				2N5058		
2N3660	S	P	A				2N3719		
2N3661	S	P	A				2N3720		
2N3662	S	N	A	BF173	BF200		2N5770	2N3563	
2N3663	S	N	A	BF173			2N5770	2N5363	
2N3665	S	N	A	BFY56			2N2432		SE6021
2N3666	S	N	A	BFY56			2N2432	SE6021	
2N3667	S	N	A				2N3715		
2N3671	S	P	A	BFY64			2N2905	2N3644	
2N3672	S	P	A	BSX36			2N2905	2N3638A	
2N3673	S	P	A	BSX36			2N2905	2N3638A	
2N3675	S	N	A				2N4238		
2N3676	S	N	A				2N4239		
2N3677	S	P	A				2N2944	2N2945	
2N3678	S	N	A				2N3568		
2N3681	S	N	A				2N3570		
2N3682	S	N	A				2N918		
2N3683	S	N	A				2N3570		
2N3688	S	N	A				2N3689	2N3690	
2N3689	S	N	A				2N3688	2N3688	
2N3690	S	N	A				2N3688	2N3689	
2N3691	S	N	A				MPS6512	TIS98	
2N3692	S	N	A				MPS6513		
2N3693	S	N	A				2N3694		
2N3694	S	N	A				2N3693		
2N3700	S	N	A	BSX36	BSX47X		SE6021		
2N3701	S	N	A	BSX36	BSX47VI		SE6021		
2N3702	S	P	A	BC257A	BC177	BC308VI			2SA565

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N3703	S	P	A	BC257VI BC147	BC177	BC307VI			2SA565
2N3704	S	N	A	BC337XVI	BC337	BC140	2N2222 2N3566	MPS3704	
2N3705	S	N	A	BC337XVI	BC337		2N2221 2N3566	MPS3705	
2N3706	S	N	A	BC337XVI BSX75	BC337 BC338	BC168	2N2222 2N3566	MPS3706	
2N3707	S	N	A	BC167B BC173	BC237A BC149	BC209 BC184	MPS6520 SE4010	MPS3707 EN4124	2SC458
2N3708	S	N	A	BC167A BC167C	BC237A	BC167B	MPS3708 EN4124	EN4123 2N3565	2SC458
2N3709	S	N	A	BC167A	BC237A	BC170	MPS3709 EN3903	EN4123	2SC458
2N3710	S	N	A	BC167A BC171	BC237A BC167B	BC207 BC182	MPS6565 EN4124	MPS3710 EN3904	2SC458
2N3711	S	N	A	BC167A BC167B	BC237B BC167C	BC107	MPS3711 2N3565	EN3904	2SC458
2N3712	S	N	A	BD115					
2N3713	S	N	A	BDY39IV					
2N3714	S	N	A	BDY39IV					
2N3715	S	N	A	BDY39VI					
2N3716	S	N	A	BDY39VI					
2N3717	S	N	A	BSY34					
2N3719	S	P	A	BSX62VI	BSX62X		2N5333		
2N3720	S	P	A	BSX63VI	BSX63X		2N5333		
2N3721	S	N	A	BC168A	BC168B	BC168C	MP3721	2N5135	
2N3722	S	N	A	BSX46VI	BSX46X		2N3015		
2N3723	S	N	A	BSX47VI	BSX47X		2N3015		
2N3724	S	N	A	BSX32 BSX60	BSY34 BSY58	BSX73	2N3725		
2N3724A	S	N	A				2N3725		
2N3725	S	N	A	BSX32 BSX59	BSY34	BSX73			
2N3726	S	P	A	BFX11					
2N3727	S	P	A	BFX11					
2N3731	G	P	A	AU106					
2N3733	S	N	A				2N3632		
2N3734	S	N	A	BFX17					
2N3736	S	N	A	BSX32					
2N3737	S	N	A				2N3725		
2N3738	S	N	A	BU126					
2N3742	S	N	A				2N5058		
2N3744	S	N	A				2N3996		
2N3745	S	N	A				2N3996		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
NC3746	S	N	A				2N3996		
NC3747	S	N	A				2N3996		
NC3748	S	N	A				2N3996		
NC3749	S	N	A				2N3996		
NC3750	S	N	A				2N3996		
NC3751	S	N	A				2N3996		
NC3752	S	N	A				2N3996		
NC3762	S	P	A				2N3996		
NC3764	S	P	A				2N2907	2N3486	
NC3765	S	P	A				2N2907	2N3486A	
NI3766	S	N	A	BDY13	BD124	BDY13X			
NI3767	S	N	A	BDY13X					
NI3771	S	N	A				2N5301		
NI3772	S	N	A				2N3715	2N5302	
NI3773	S	N	A	BUY12	BD124	BUY56IV			
NI3774	S	P	A				2N4234		
NI3775	S	P	A				2N4235		
NI3776	S	P	A				2N4236		
NI3777	S	P	A				2N4236	2N4033	
NW3778	S	P	A				2N4234		
NW3779	S	P	A				2N4235		
NW3780	S	P	A				2N4236		
NW3781	S	P	A				2N4236		
NW3782	S	P	A				2N4234		
NW3783	G	P	A				2N5043	TIXM101	
NW3784	G	P	A				2N5043	TIXM101	
NW3789	S	P	A				2N3789		
NW3790	S	P	A				2N3789		
NW3791	S	P	A				2N3789		
NW3792	S	P	A				2N3789		
NW3793	S	N	A	BC168 BC171	BC167 BC182	BC207 BC237	MPS6530		
NW3794	S	N	A	BC167 BC172	BC168 BC183	BC208 BC238	MPS6531		
NW3798	S	P	A				2N2605		
NW3799	S	P	A				2N2605		
NW3800	S	P	A				2N3350	2N3352	
NW3801	S	P	A				2N3350	2N3352	
NW3802	S	P	A				2N3347	2N3350	
NW3803	S	P	A				2N3350	2N3351	
NW3804	S	P	A				2N3350		
NW3804A	S	P	A				2N3350		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N3805	S	P	A				2N3350		
2N3805A	S	P	A				2N3350		
2N3806	S	P	A				2N3350		
2N3807	S	P	A				2N3350		
2N3808	S	P	A				2N3350		
2N3809	S	P	A				2N3350		
2N3810	S	P	A				2N3350		
2N3810A	S	P	A				2N3350		
2N3811	S	P	A				2N3350		
2N3811A	S	P	A				2N3350		
2N3825	S	N	A	BC109 BC184	BC173	BC209	MPS3398		
2N3826	S	N	A				2N4994 2N3903	MPS3826 MPS3693	
2N3827	S	N	A				2N4995 2N3904	MPS3827 MPS3694	
2N3828	S	N	A	BC109 BC171	BC173 BC107	BC207 BC182	MPS6565		
2N3829	S	P	A				2N3964		
2N3830	S	N	A	BFX34					
2N3831	S	N	A	BD131					
2N3832	S	N	A	BSY19					
2N3839	S	N	A	BFX62			2N3570 SE3005	2N3571	
2N3840	S	P	A				2N2945	2N2946	
2N3841	S	P	A				2N2945	2N2946	
2N3842	S	P	A				2N2945	2N2946	
2N3843	S	N	A				MPS6512 SE6001	2N4400 2N5830	
2N3843A	S	N	A				2N4400 MPS6512	SE6001 2N5830	
2N3844	S	N	A				MPS6512 SE6001	2N4400 2N5830	
2N3844A	S	N	A				MPS6512 SE6001	2N4400 2N5830	
2N3845	S	N	A	BC109 BC171	BC173 BC107	BC207 BC182	MPS6512 2N4400	MPS6565 SE6001	
2N3845A	S	N	A				MPS6513 SE6001	2N4400	
2N3850	S	N	A				2N3998		
2N3851	S	N	A				2N3998		
2N3852	S	N	A				2N3998		
2N3853	S	N	A				2N3998		
2N3854	S	N	A				MPS6512 2N3691	2N2903	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2MN3854A	S	N	A				MPS6512 2N3693	MPS3693	
2MN3855	S	N	A	BC238A			MPS6512 2N3691	2N3903	
2MN3855A	S	N	A				MPS6512 2N3693	MPS3693	
2MN3856	S	N	A	BC108B BC107A	BC168B	BC238B	MPS6513 2N3692	2N3904	
2MN3856A	S	N	A				MPS6513 2N3694	MPS3694	
2MN3857	S	P	A				2N2944	2N2945	
2MN3858	S	N	A				MPS6512 MPS3693	TIS98 2N3694	
2MN3858A	S	N	A				MPS6566 2N5830	TIS98 2N3693	
2MN3859	S	N	A				MPS6513 2N3694	TIS98 MPS3694	
2MN3859A	S	N	A				MPS6566 2N3694	2N5830	
2MN3860	S	N	A				MPS6514 MPS3694	TIS98 2N3694	
2MN3863	S	N	A				2N3715		
2MN3864	S	N	A				2N3716		
2MN3866	S	N	A	BFX55					
2MN3867	S	P	A				2N5333		
2MN3868	S	P	A				2N5333		
2MN3877	S	N	A	BF178			2N4410 2N5830	TIS98	
2MN3877A	S	N	A				2N4410 2N5830	TIS98	
2MN3878	S	N	A	BDY13C	BD124				
2MN3900	S	N	A				MPS6515 2N4401	TIS98 SE6002	
2MN3900A	S	N	A				MPS6520 TIS98	2N5088 2N4401	
2 3901	S	N	A				MPS6521	2N5088	
2MN3903	S	N	A	BC167A BFY19	BF195	BC237A	EN3903		
2MN3904	S	N	A	BC167A BC195	BF194 BFY19	BC237A BSY34	EN3904		
2MN3905	S	P	A	BC307A	BC307	BCY70	EN3905		
2MN3906	S	P	A	BC307A	BCY70		EN3906		
2MN3907	S	N	A	BFY81			2N2915		
2MN3908	S	N	A	BFY81			2N2916		
2MN3910	S	P	A				2N2944		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N3911	S	P	A				2N2944	2N2945	
2N3912	S	P	A				2N2944	2N2945	
2N3913	S	P	A				2N2944	2N2945	
2N3914	S	P	A				2N2944	2N2945	
							2N2906		
2N3915	S	P	A				2N2944	2N2945	
2N3923	S	N	A	BFX98					
2N3924	S	N	A	BFW46	BFY99		2N3553		
2N3925	S	N	A				2N3375		
2N3926	S	N	A	BLY57					
2N3927	S	N	A	BLY58					
2N3930	S	P	A	BFX90			2N2605	2N3497	
							2N4889		
2N3931	S	P	A	BFX91			2N4889		
2N3941	S	N	A				2N2920		
2N3942	S	N	A				2N2920		
2N3943	S	N	A				2N2920		
2N3944	S	N	A				2N2920		
2N3945	S	N	A				2N3568		
2N3946	S	N	A				2N2217	2N2219	
2N3947	S	N	A				2N2217	2N2219	
2N3959	S	N	A				2N4313		
2N3960	S	N	A	BFX62			2N4313		
2N3962	S	P	A	BFW20	BFX37		2N2605	2N3963	
							2N4249		
2N3963	S	P	A	BFW21			2N2605	2N4249	
2N3964	S	P	A	BFW22	BCY67		2N2605	2N4250	
2N3965	S	P	A	BFW23			2N2605	2N4250A	
2N3973	S	N	A				2N4400	2N5449	
							2N3641		
2N3974	S	N	A				2N4401	2N5449	
							2N4400	2N3642	
2N3975	S	N	A				2N4400	2N5449	
							2N3641		
2N3976	S	N	A				2N4401	2N5449	
							2N4400	2N3642	
2N3977	S	P	A				2N2944	2N2945	
2N3978	S	P	A				2N2944	2N2945	
2N3979	S	P	A				2N2944	2N2945	
2N3983	S	N	A				TIS62		
2N3984	S	N	A				TIS63		
2N3985	S	N	A				TIS63		
2N3995	G	P	A				2N2929	2N1195	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N4000	S	N	A				2N3019		
2N4001	S	N	A	BSW66					
2N4008	S	P	A				2N2944	2N2945	
2N4013	S	N	A	BSX32	BSX48				
2N4014	S	N	A	BSX32	BSX49		2N2219		
2N4015	S	P	A	BFX11			2N3350		
2N4016	S	P	A	BFX11			2N3350		
2N4017	S	P	A	BFX36			2N3350		
2N4018	S	P	A	BFX36			2N3350		
2N4019	S	P	A	BFX36					
2N4020	S	P	A	BFX36			2N3350		
2N4021	S	P	A	BFX36			2N3350		
2N4022	S	P	A	BFX36			2N3350		
2N4023	S	P	A	BFX36			2N3350		
2N4024	S	P	A	BFX36			2N3350		
2N4025	S	P	A	BFX36			2N3350		
2N4026	S	P	A	BFX38	BC160	BCW76X	2N1132 2N2907	2N2906A 2N4354	
2N4027	S	P	A	BFX40			2N2906 2N4356	2N2907	
2N4028	S	P	A	BFX39			2N2907	2N4355	
2N4029	S	P	A	BFX40			2N2907	2N4356	
2N4030	S	P	A	BFX38 BCW80X	BFX39	BC161VI	2N2905	2N4354	
2N4031	S	P	A	BFX40 BCW80X	BFX41	BC161X	2N2905	2N4356	
2N4032	S	P	A	BFX38	BC161XVI	BCW80XVI	2N4042 2N4355	2N2905	
2N4033	S	P	A	BFX40	BC161XVI	BCW80XVI	2N2905	2N4356	
2N4034	S	P	A	BFX48			2N3250	2N4121	
2N4035	S	P	A	BFX48			2N3250	2N4922	
2N4036	S	P	A	BFR23			2N2904	2N2905	
2N4037	S	P	A	BFR24			2N2904	2N2905	
2N4042	S	N	A				2N3680		
2N4043	S	N	A				2N3680		
2N4044	S	N	A				2N3680		
2N4045	S	N	A				2N3680		
2N4046	S	N	A	BFX17	BSX32		2N3252	2N2218	
2N4047	S	N	A	BFX17					
2N4058	S	P	A	BC258VI BC253	BC178 BC258A	BC206 BC258B	MPS6522 2N4248	2N5086	2SA565
2N4059	S	P	A	BC258VI BC250	BC308B BC258A	BC204 BC258B	MPS6516 2N5087	2N5086 2N4248	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N4060	S	P	A	BC258VI	BC308VI	BC258A	MPS6516 2N4248	2N5086	
2N4061	S	P	A	BC258VI BC258B	BC308A	BC258A	MPS6517 2N4248	2N5086	
2N4062	S	P	A	BC258A	BC308B	BC258B	MPS6518 2N4250	2N5087	
2N4070	S	N	A				2N3448		
2N4072	S	N	A				2N2863		
2N4073	S	N	A				2N2863		
2N4075	S	N	A				2N3764	2N3996	
2N4076	S	N	A	BDY13X	BDY13	BD124	2N3996		2SC830
2N4077	G	N	A	AD161					
2N4078	G	P	A	AD162			2N4078		2SB367
2N4079	G	N	A	AD161	AD162				
2N4081	S	N	A				2N4252		
2N4082	S	N	A				2N4083		
2N4086	S	N	A				MPS6514 2N4400	TIS98 2N5135	
2N4087	S	N	A				MPS6515 2N4401	TIS97 2N5135	
2N4087A	S	N	A				MPS6515 2N3566	2N4401 2N5135	
2N4096	S		A	BRY32B					
2N4097	S		A	BRY33B					
2N4098	S		A	BRY34B					
2N4099	S	N	A				2N3680		
2N4104	S	N	A				2N2484		
2N4106	G	P	A	AC153 AC152	AC131	AC128	MPS2060		2SB370A
2N4108	S		A	BRY32B					
2N4109	S		A	BRY33B					
2N4110	S		A	BRY34B					
2N4115	S	N	A				2N3996		
2N4116	S	N	A	BDY13XVI	BDY13	BD124	2N3996		2SC830
2N4117	S	N	A				2N4118	2N4119	
2N4118	S	N	A				2N4119		
2N4119	S	N	A				2N4139		
2N4121	S	P	A	BFX48			2N3905	2N4423	
2N4122	S	P	A	BFX48			2N3906	2N4423	
2N4123	S	N	A				TIS99	EN4123	
2N4124	S	N	A				TIS98	EN4124	
2N4125	S	P	A				2N5447	EN25	
2N4126	S	P	A				2N4061	EN4126	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N4134	S	N	A	BFX19					
2N4135	S	N	A	BFX19					
2N4137	S	N	A	BSX28	BFX34		2N4275		
2N4138	S	N	A	BFX34			2N2432		
2N4140	S	N	A				2N4400		
2N4141	S	N	A				2N4401		
2N4142	S	P	A				2N4402		
2N4143	S	P	A				2N4403		
2N4150	S	N	A				2N3421		
2N4207	S	P	A				2N4257		
2N4208	S	P	A				2N4258		
2N4209	S	P	A				2N4258		
2N4210	S	N	A				2N4002		
2N4211	S	N	A				2N4002		
2N4220	S	N	A				2N4220A		
2N4221	S	N	A				2N4221A		
2N4222	S	N	A				2N4222A		
2N4223	S	N	A				2N4224		
2N4224	S	N	A				2N4223		
2N4227	S	N	A				2N4400		
2N4234	S	P	A				2N4235		
2N4235	S	P	A				2N5333		
2N4236	S	P	A				2N5333		
2N4237	S	N	A	BFX34					
2N4238	S	N	A	BFX34					
2N4239	S	N	A	BFX34					
2N4241	G	P	A	AD149			TI3027		2SB471
2N4242	G	P	A				TI3027	TI3028	
2N4243	G	P	A				TI3027	TI3028	
2N4244	G	P	A				TI3027	TI3028	
2N4245	G	P	A				TI3027	TI3028	
2N4246	G	P	A				TI3027	TI3028	
2N4247	G	P	A				TI3027	TI3028	
2N4248	S	P	A				2N4058	2N5086	
N4249	S	P	A				2N4058	2N5086	
2N4250	S	P	A				2N4059	2N5987	
2N4250A	S	P	A						2SA628
2N4253	S	N	A				2N4252		
2N4254	S	N	A				2N4996	MPS6547	
							2N4770	SE3005	
N4255	S	N	A				2N4997	MPS6547	
							2N5770	SE3005	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N4256	S	N	A				2N3904 2N4274	2N5772	
2N4259	S	N	A				2N4252		
2N4260	S	P	A				2N4261		
2N4261	S	P	A				2N4260		
2N4264	S	N	A	BC238A			2N4275		
2N4265	S	N	A	BC238A			2N4274		
2N4269	S	N	A				2N2243A		
2N4274	S	N	A	BSX90			2N4419		
2N4275	S	N	A				2N4418		
2N4276	G	P	A				2N4277		
2N4277	G	P	A				2N4279		
2N4278	G	P	A				2N4279		
2N4279	G	P	A				2N4281		
2N4280	G	P	A				2N4281		
2N4281	G	P	A				2N4283		
2N4282	G	P	A				2N4283		
2N4283	G	P	A				2N4282		
2N4284	S	P	A				2N2944	2N2945	
2N4285	S	P	A				2N4060		
2N4286	S	N	A	BC167 BC207	BC168 BC171	BC238C BC168A	MPS6515	TIS98	2SC458
2N4287	S	N	A	BC277 BC171	BC237	BC207	MPS6566	TIS98	2SC458
2N4288	S	P	A	BC178B BC262	BC213	BC205	MPS6518		2SC565
2N4289	S	P	A	BC177B	BC177	BC307B	2N5086		2SA565
2N4290	S	P	A	BC179 BC263	BC214	BC206	2N5447	MPS6533	
2N4291	S	P	A	BC179 BC263	BC214	BC206	2N5447	MPS6534	
2N4292	S	N	A	BFX59 BC173	BC184 BFX62	BC209 BC239	2N1132 TIS62	MPS6518	
2N4293	S	N	A	BC179 BC173	BC184 BC139	BC209	TIS62	MPS6518	
2N4294	S	N	A				2N4264		
2N4295	S	N	A				2N4264		
2N4313	S	P	A				2N4423		
2N4342	S	P	A				2N4343		
2N4343	S	P	A				2N4360		
2N4347	S	N	A	BDX12					
2N4350	S	N	A				2N4349		
2N4351	S	N	A				2N4416 2N4381	2N4416A	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N4353	S	P	A						
2N4354	S	P	A	BFX39					
2N4355	S	P	A	BFX38					
2N4356	S	P	A	BFX41					
2N4357	S	P	A	BFX90			2N2605 2N4889	2N3494	
2N4358	S	P	A	BFX90			2N2605 2N4889	2N3494	
2N4359	S	P	A	BFX37			2N4248		
2N4360	S	P	A				2N4343		
2N4390	S	N	A	BFR25			2N5058		
2N4393	S	N	A	BSV68					
2N4395	S	N	A				2N3715		
2N4396	S	N	A				2N3715		
2N4397	S	N	A				2N4252		
2N4398	S	P	A				2N4398		
2N4399	S	P	A				2N4398		
2N4400	S	N	A				2N5449	2N3642	
2N4401	S	N	A				2N5449	2N3643	
2N4402	S	P	A	BC307VI			2N2904 EN2907	2N2905	
2N4403	S	P	A	BC307A			2N2904	EN2907	
2N4409	S	N	A				2N5830		
2N4410	S	N	A				2N5830		
2N4418	S	N	A				2N4264 2N4275	2N5772	
2N4419	S	N	A				2N4264 2N4274	2N5772	
2N4420	S	N	A				MPS3646 2N3646	2N5769	
2N4421	S	N	A				MPS3646 2N3646	2N5769	
2N4422	S	N	A				MPS3646		
2N4423	S	N	A				2N4421 2N5771	MPS3640 EN2894A	
2N4424	S	N	A	BC337			MPS3711 2N4946	2N4401	
2N4425	S	N	A	BC337					
2N4428	S	N	A	BFX55					
2N4436	S	N	A				2N5449		
2N4437	S	N	A				2N5449		
2N4440	S	N	A				2N3632		
2N4449	S	N	A				2N4275		
2N4450	S	N	A	BFX95			2N3568		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N4451	S	P	A				2N4313		
2N4452	S	P	A				2N3638		
2N4453	S	P	A				2N4313		
2N4572	S	P	A				2N4258		
2N4573	S	N	A				2N4275		
2N4576	S	N	A				2N3716		
2N4872	S	P	A	BFY64					
2N4873	S	N	A						2SC639
2N4874	S	N	A				2N4875		
2N4876	S	N	A				2N4875		
2N4890	S	P	A	BSV16XVI	BSV16				
2N4895	S	N	A	BFX34					
2N4896	S	N	A	BFX34					
2N4897	S	N	A	BFX34					
2N4907	S	P	A				2N4909		
2N4909	S	P	A				2N5745		
2N4910	S	N	A				2N4911		
2N4911	S	N	A				2N4912		
2N4912	S	N	A				2N4911		
2N4916	S	P	A	BFX48					
2N4917	S	P	A	BFX48					
2N4918	S	P	A	BD132			TIP30	2N6124	
							SDC445		
2N4919	S	P	A	BD138			TIP30A	2N6125	
							SDD445		
2N4920	S	P	A	BD140			TIP30A	2N6126	
							SDE445		
2N4921	S	N	A	BD131			TIP29	2N6121	
							SDC345		
2N4922	S	N	A	BD137			TIP29A	2N6122	
							SDD345		
2N4923	S	N	A	BD139			TIP29A	2N6123	
							SDE345		
2N4934	S	N	A				2N4252		
2N4935	S	N	A				2N4252		
2N4936	S	N	A				2N5449		
2N4944	S	N	A				2N4252		
2N4946	S	N	A				2N5449		
2N4951	S	N	A	BC337			2N3705	2N5450	
							2N4400	2N3641	
2N4952	S	N	A	BC337			2N3704	2N5499	
							2N4401	2N3643	
2N4953	S	N	A	BC337			2N4401	2N3643	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
J4954	S	N	A	BC338			2N5449	2N4400	
							2N4401	2N3641	
J4960	S	N	A				SE6020		
J4961	S	N	A				SE6021		
J4962	S	N	A				SE6022		
J4963	S	N	A				SE6023		
J4964	S	P	A				2N4060		
J4965	S	P	A				2N4058		
J4966	S	N	A				TIS99		
J4967	S	N	A				TIS99		
J4968	S	N	A				TIS99		
J4976	S	N	A				2N4875	TIS39	
J4994	S	N	A				MPS3693	2N3903	
							2N3693	EN3903	
J4995	S	N	A				2N3694	EN3904	
J4996	S	N	A				2N5770	SE3002	
							SE3005		
J4997	S	N	A				2N5770	SE3002	
							SE3005		
J5022	S	P	A				2N2386		
J5023	S	P	A				2N2386		
J5027	S	N	A				2N5769	2N3646	
J5028	S	N	A				2N576	2N3646	
J5029	S	N	A				2N5772	2N4275	
J5030	S	N	A				2N5772	2N4274	
J5031	S	N	A				2N3683	2N5032	
J5032	S	N	A				2N3683	2N5031	
J5033	S	P	A				2N5265	2N5266	
J5034	S	N	A				TIP33		
J5035	S	N	A				TIP33		
J5036	S	N	A				TIP33	2N3055	
J5037	S	N	A	BD181	TIP33A				
J5040	S	P	A				2N5041		
J5041	S	P	A	BFS45					
J5053	S	N	A				2N918		
J5054	S	N	A				2N918		
J5055	S	P	A				2N3829	2N4313	
J5056	S	P	A				2N3829	2N4313	
J5057	S	P	A				2N3829	EN2894A	
J5066	S	N	A				2N2432		
J5083	S	P	A				2N3055		
J5086	S	P	A	BC257A	BC177	BC307A	2N4058	2N4249	2SA565
J5087	S	P	A	BC259A	BC179	BC259B	2N4249		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JA
2N5088	S	N	A	BC169C	BC237B		SE4021		
2N5089	S	N	A	BC169C	BC239C		SE4021		
2N5106	S	N	A				2N5399	2N4945	
2N5107	S	N	A				2N5399	2N4945	
2N5126	S	N	A				TIS98		
2N5127	S	N	A				TIS98		
2N5128	S	N	A				2N5451		
2N5129	S	N	A				2N5451		
2N5130	S	N	A				2N5450		
2N5131	S	N	A				2N5451		
2N5132	S	N	A				2N5451		
2N5133	S	N	A				2N5449		
2N5134	S	N	A				2N4422		
2N5138	S	P	A				2N4061		
2N5139	S	P	A	BC308VI			2N3250		
2N5140	S	P	A				2N3250		
2N5141	S	P	A				2N3829		
2N5142	S	P	A				2N3829		
2N5143	S	P	A				2N3829		
2N5147	S	P	A				2N4031		
2N5148	S	N	A	BSX63	BSW10	BSW65			
2N5149	S	P	A				2N4033		
2N5150	S	N	A				2N3019		
2N5151	S	P	A				2N4031		
2N5152	S	N	A	BSX63	BSW10	BSW65			
2N5153	S	P	A				2N4033		
2N5154	S	N	A				2N3019		
2N5172	S	N	A	BC237A			2N4400	2N5135	
2N5189	S	N	A	BSX45	BSS13		2N3053		
2N5190	S	N	A				TIP31 SDF345	2N6121	
2N5191	S	N	A				TIP31A SDG345	2N6122	
2N5192	S	N	A				TIP31A SDH345	2N6123	
2N5193	S	P	A				TIP32 SDF445	2N6124	
2N5194	S	P	A				TIP32A SDG445	2N6125	
2N5195	S	P	A				TIP32A SDN445	2N6126	
2N5208	S	P	A				2N3905 2N4916	2N3906	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
N5209	S	N	A	BC237 BC237C	BC237A	BC237B	SE4010		
N5210	S	N	A	BC237C	BC237B	BC237	SE4010		
N5219	S	N	A	BC238 BC238C	BC238B	BC239	EN4124		
N5220	S	N	A	BC338XVI	BC338		2N5131		
N5221	S	N	A	BC338XVI	BC338		2N5143		
N5222	S	N	A	BF254			2N5770	2N3563	
N5223	S	N	A	BC239B			EN4124		
N5224	S	N	A				2N4274		
N5225	S	N	A	BC338XVI	BC338		2N3566		
N5226	S	N	A	BC338XVI	BC338		2N3638	2N3638A	
N5227	S	P	A				EN4126		
N5228	S	P	A				2N3639		
N5232	S	N	A				2N5961	2N3565	
N5232A	S	N	A	BC167B					
N5236	S	N	A				2N3564		
N5240	S	N	A	BDY97					
N5244	S	P	A				2N4922		
N5249	S	N	A	BC167C	BC167B		2N5961 2N4961	2N3565 SE4020	
N5249A	S	N	A				SE4020		
N5262	S	N	A	BFX34	BSS14		2N5266		
N5284	S	N	A	BDY90					
N5288	S	N	A	BDY90					
N5292	S	P	A				2N4313		
N5293	S	N	A				TIP31A SD345	2N6123	
N5294	S	N	A				TIP31A SD345	2N6123	
N5295	S	N	A				TIP31 SDA345	2N6121	
N5296	S	N	A				2N3054S 2N6121	TIP31 SDA345	
N5297	S	N	A				TIP31A SDB345	2N6122	
N5298	S	N	A				TIP31A SDB345	2N6122	
N5309	S	N	A	BC167A			2N5830		2SC458
N5310	S	N	A	BC167A			2N5961	2N5830	2SC458
N5311	S	N	A	BC167B			2N5961 2N3565	2N3635	2SC458
N5312	S	P	A				2N5386		
N5313	S	N	A				2N5386		
N5314	S	P	A				2N5386		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N5316	S	P	A				2N5384		
2N5317	S	N	A				2N5384		
2N5318	S	P	A				2N5384		
2N5320	S	N	A	BSV94	BSS15				
2N5321	S	N	A	BSS16	BSV93				
2N5322	S	P	A	BSS17			2N4036		
2N5323	S	P	A	BSS18			2N4036		
2N5354	S	P	A	BC328			MPS3638	2N3638	
2N5355	S	P	A	BC328			MPS3638A	2N3638A	
2N5356	S	P	A	BC328			MPS3638	2N3638	
							2N4355		
2N5365	S	P	A	BC327			2N4403	2N3638	
							2N3644		
2N5366	S	N	A	BC337	BC327		2N4403	EN2907	
							2N3644		
2N5367	S	N	A	BC327			2N4403	2N3644	
							2N4355		
2N5386	S	P	A				2N5380		
2N5389	S	N	A				2N5388		
2N5400	S	P	A				2N4888		
2N5401	S	P	A				2N4889		
2N5404	S	P	A				2N5384		
2N5405	S	P	A				2N5384		
2N5406	S	P	A				2N5384		
2N5407	S	P	A				2N5384		
2N5447	S	P	A	BC307	BC177	BC328	MPS3638A	2N3638A	
				BC307A					
2N5448	S	P	A	BC307	BC307VI		MPS3638	2N3638	
2N5449	S	P	A	BC327/40			2N4401	2N3566	
2N5450	S	P	A	BC327XVI			2N4400	SE6001	
2N5451	S	P	A	BC327XVI	BC327/40	BC327/25	2N4401	2N3566	
2N5490	S	N	A				2N6121		
2N5491	S	N	A				2N6121		
2N5492	S	N	A				2N6122		
2N5493	S	N	A				2N6122		
2N5494	S	N	A				2N6121		
2N5495	S	N	A				2N6121		
2N5496	S	N	A				2N6123		
2N5497	S	N	A				2N6123		
2N5550	S	N	A	BF176	BF178		2N5831		
2N5551	S	N	A	BF176	BF178		2N5833		
2N5655	S	N	A	BF338					
2N5769	S	N	A				2N5027	2N5028	
							2N3646		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N5770	S	N	A				2N3662 2N3663	2N3563	
2N5771	S	N	A				2N4423	EN2894A	
2N5772	S	N	A				2N3605	2N4275	
2N5824	S	N	A				2N3904	EN3904	
2N5825	S	N	A				2N3904	EN3904	
2N5826	S	N	A				2N5961	2N3565	
2N5827	S	N	A				2N5961	2N3565	
2N5827A	S	N	A				2N5961	SE4010	
2N5828	S	N	A				2N5961	SE4002	
2N5828A	S	N	A				2N5961	SE4010	
2N5831	S	N	A				2N5832		
2N5855	S	P	A				2N5857		
2N5949	S	N	A	BC337					
2N5950	S	N	A				2N5485	FE5245	
2N5951	S	N	A				2N5484	FE5245	
2N5952	S	N	A				2N5485	FE5246	
2N5953	S	N	A				2N5485	FE5246	
2N5959	S	N	A				2N5484 FE4245	2N5486 FE4247	
2N5960	S	P	A				2N5958		
2N5998	S	N	A				2N5961	SE4020	
2N5999	S	P	A				2N5086	2N4248	
2N6000	S	N	A				2N3904	EN3904	
2N6001	S	P	A				2N3906	EN3906	
2N6002	S	N	A				2N5088	SE4020	
2N6003	S	P	A				2N5086	2N4248	
2N6004	S	N	A				2N3904	EN3904	
2N6005	S	P	A				2N3906	EN3906	
2N6006	S	N	A				2N5088	SE4020	
2N6007	S	P	A				2N5086	2N4248	
2N6008	S	N	A				2N5088	SE4020	
2N6009	S	P	A				2N5086	2N4248	
2N6010	S	N	A				MPSA05 SE6020	MPSA06 2N5856	
2N6011	S	P	A				MPSA55 2N5857	MPSA56	
2N6012	S	N	A				MPSA05 SE6020	MPSA06 2N5856	
2N6013	S	P	A				MPSA55 2N5757	MPSA56	
2N6014	S	N	A				MPSA05 SE6020	MPSA06 2N5856	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2N6015	S	P	A				MPSA55 2N5857	MPSA56	
2N6016	S	N	A				MPSA05 SE6020	MPSA06 2N5856	
2N6017	S	P	A				MPSA55 2N5857	MPSA56	
2N6021	S	P	A						
2N6067	S	P	A				MPSA05 SE6020	MPSA06 2N5856	
2N6076	S	P	A				2N3906	EN3906	
2N6121	S	N	A				40613 2N5190	2N4921 2N5295	
2N6122	S	N	A				40621 2N5297	2N4922 2N5298	
2N6123	S	N	A				2N4923 2N5496	2N5191 2N5497	
2N6124	S	P	A				2N4918 D41D	2N5193 MJE370	
2N6125	S	P	A				2N5194 TIP30A	2N4919 TIP32A	
2N6126	S	P	A				2N4920 TIP30B	2N5195 TIP32C	
2NJ5A	G	P	A	AF185					
2NJ8A	G	P	A	AF185					
2NJ9A	G	P	A	AC128			2N2431		
2NJ9D	G	P	A	AC128			2N2431		
2NJ50	G	P	A	AF185					
2NJ51	G	P	A	AF185					
2NU40	G	P	A	AC126			2N2429		
2NU70	G	P	A	AC126			2N2429		
2S001	G	P	A	AF178			2N2495		
2S12	G	P	J	AF185					
2S13	G	P	J	AF185					
2S14	G	P	J	AC128			2N2431		
2S15	G	P	J	AC128			2N2431		
2S15A	G	P	J	AC128			2N2431		
2S22	G	P	J	AC128			2N2431		
2S24	G	P	J	AC128			2N2431		
2S25	G	P	J	AF185					
2S30	G	P	J	AF185					
2S31	G	P	J	AF185	AF132	AF137	2N410	2N412	
2S32	G	P	J	AC128	AC131	AC153	2N2431	2N611	
2S33	G	P	J	AC128 AC153	AC131	AC132	2N2431	2N610	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
S534	G	P	J	AC128	AC131	AC153	2N2431	2N568	
S535	G	P	J	AF185	AF133	AF137	2N111		
S536	G	P	J	AF185	AF127	ASY26	2N112		
S537	G	P	J	AC128 AC153	AC131	AC132	2N2431	2N106	
S538	G	P	J	AC128	AC131	AC153	2N2431	2N270	
S539	G	P	J	AC128	AC125	AC163	2N2431	2N115	
S540	G	P	J	AC128	ASY27		2N2431		
S541	G	P	J	AD149 AF135	AD150	AF134	2N2836	2N269	
S541A	G	P	J	AD149 AF134	AD150	AF135	2N2836	2N269	
S542	G	P	J	AD131	ASZ15	AUY28	2N387		
S543	G	P	J	AC128 AF134	AF132	AF137	2N2431	2N640	
S544	G	P	J	AC126	AC128	AC131	2N407	2N408	
S545	G	P	J	AF185	AF127	AF133	2N409	2N410	
S546	G	P	J	AF185	AF128				
S549	G	P	J	AF185	AF133	AF137	2N410		
S552	G	P	J	AF185	AF128	AC153	2N411	2N412	
S553	G	P	J	AF185	AF133	AF137	2N409	2N410	
S554	G	P	J	AC126 AC132	AC128 AC153	AC131	2N408	2N410	
S556	G	P	J	AC128	AC131	AC153	2N2431	2N408	
S560	G	P	J	AF185			2N412		
S560A	G	P	J	AF185			2N412		
S591	G	P	J	AF185	AC153	AF136	2N270	2N370	
S592	G	P	J	AF185			2N411		
S592A	G	P	J	AF185			2N411		
S593	G	P	J	AF185			2N140		
S593A	G	P	J	AF185			2N412		
S6101	S	P	J				2N726		
S6109	G	P	J	AF185	AF135	AF136	2N370		
S6110	G	P	J	AF185	AF135	AF136	2N371	2N372	
S6112	G	P	J	AF185	AF135	AF136	2N372		
S6141	G	P	J	AF185	AF134	AF136	2N372	2N371	
S6142	G	P	J	AF185	AF135	AF136	2N370		
S6143	G	P	J	AF185	AF135	AF137	2N373	2N641	
S6144	G	P	J	AF185	AF136	AF137	2N1108		
S6145	G	P	J	AF185	AF134	AF136	2N544	2N1110	
S6146	G	P	J	AF185	AF126	AF136	2N219		
S6148	G	P	J	AF185	AF126	AF136			
S6155	G	P	J	AF185					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2S159	G	P	J	AF185	AC162	AC170			
2S160	G	P	J	AF185					
2S163	G	P	J	AC128	AC131	AC153	2N2431		
				AC132					
2S178	G	P	J	AF185			2N140		
2S179	G	P	J	AC128			2N2431	2N217	
2S301	S	P	J	BCY32					
2S302	S	P	J	BCY33	BCZ10				
2S303	S	P	J	BCY34	BCZ11				
2S304	S	P	J	BCZ10					
2S322	S	P	J	BCZ10					
2S323	S	P	J	BCZ11					
2SA12	G	P	J	AF127	ASY27	AF185	2N4034	2N642	2SA240
				AFY15	AF131	AF137	2N412	2N483	
2SA13	G	P	J	AF127	AF185	AF137	2N4043	2N642	2SA240
				AF131			2N409	2N410	
2SA14	G	P	J	AF185	AF132	AF137			
2SA15	G	P	J	AF126	AF185	AFY15	2N641	2N411	2SA240
				AF131	AF136		2N412		
2SA16	G	P	J	AF127	AF185	AF137	2N4034	2N642	2SA240
				AF133			2N411	2N412	
2SA17	G	P	J	AF185	AF134	AF136	2N412	2N486	
2SA18	G	P	J	AF185	AF131	AF136	2N412	2N579	
2SA19	G	P	J	AF185					
2SA20	G	P	J	AF185					
2SA21	G	P	J	AF185					
2SA22	G	P	J	AF185	AF132	AF136	2N411		
2SA23	G	P	J	AF127	AF185	AF137	2N4034	2N642	2SA240
				AF133			2N409		
2SA24	G	P	J	AF124	AF178	AF134	2N2495	2N4034	2SA235
				AF194	AF136		2N346	2N370	
2SA25	G	P	J	AF124	AF178	AF134	2N2495	2N346	2SA235
				AF194	AF131				
2SA27	G	P	J	AF125	AF185	AF135	2N1110		2SA156
				AF134					
2SA28	G	P	J	AF127	AF185	AF137	2N4034	2N642	2SA240
				AF134					
2SA29	G	P	J	AF185	AF125	AF134			
2SA30	G	P	J	AF126	AF185	AFY15	2N641	2N411	2SA240
				AF132	AF136		2N412		
2SA31	G	P	J	AF127	AF185	AFY15	2N4034	2N646	2SA240
				AF137	AF133		2N374	2N409	
2SA35	G	P	J	AF126	AF185	AF127	2N4034	2N646	2SA240
				AFY15	AF132	AF136	2N411	2N412	
2SA36	G	P	J	AF185	AF132	AF136	2N411	2N412	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SA37	G	P	J	AF126 AF137	AF185 AF134	AF127	2N4034	2N646	2SA240
2SA38	G	P	J	AF126 AF137	AF185 AF134	AF127	2N4034	2N646	2SA240
2SA39	G	P	J	AF127 AF134	AF185	AF137	2N4034	2N646	2SA240
2SA40	G	P	J	AF185					
2SA41	G	P	J	AF127 AF134	AC150	AF137	2N4034	2N646	2SA240
2SA42	G	P	J	AF131	AF134	AF137			
2SA43	G	P	J	AF125 AF131	AF185	AF135	2N1110		2SA156
2SA44	G	P	J	AF185					
2SA44B	G	P	J	AF185					
2SA45	G	P	J	AF185					
2SA48	G	P	J	AF125 AF131	AF185 AF134	AF135	2N1110		2SA156
2SA49	G	P	J	AF185 AF135	AF15	AF134	2N416	2N483	
2SA50	G	P	J	AC152IV AC128	AF185 AF134	AC124r	2N4106 2N130g	2N610 2N583	2S32
2SA51	G	P	J	AF127 AF134	AF185 AF136	AF137	2N4034 2N212	2N646 2N617	2SA240
2SA52	G	P	J	AF126 AF131	AF185 AF134	AF137	2N641 2N1058	2N486	2SA240
2SA53	G	P	J	AF127 AF134	AF185	AF137	2N642 2N482	2N4034 2N614	2SA240
2SA57	G	P	J	AF124 AF194	AF185 AF136	AF134	2N346 2N370	2N4035 2N384	2SA235
2SA58	G	P	J	AF124 AF134	AF127 AF194	AF185 AF136	2N346 2N370	2N4035 2N1110	2SA235
2SA59	G	P	J	AF185	AF134	AF137	2N370	2N624	
2SA60	G	P	J	AF124 AF194	AF185 AF136	AF134	2N346 2N371	2N4035 2N393	2SA235
2SA61	G	P	J	AF185					
2SA65	G	P	J	ASY27			2N36	2N302	
2SA66	G	P	J	ASY27			2N36 2N1307	2N302	2SA65
2SA67	G	P	J	ASY27			2N36 2N1309	2N302	2SA65
2SA69	G	P	J	AF178			2N2495		
2SA70	G	P	J	AF118 AFY15	AF178	AF136	2N2495 2N370	2N2707	2SA76
2SA71	G	P	J	AF124 AF194	AF178 AF131	AF134	2N2495	2N4035	2SA235
2SA72	G	P	J	AF127 AF137	AF185 AF134	AF136	2N4035	2N642	2SA240

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SA73	G	P	J	AF127 AF134	AF185	AF137	2N4035	2N642	2SA240
2SA74	G	P	J	AF124 AF134	AF185	AF131			
2SA75	G	P	J	AF127 AF134	AF185 AF194	AF124 AF131	2N4035	2N346	2SA235
2SA76	G	P	J	AF126 AF134	AF185 AF136	AF137	2N641	2N110	2SA240
2SA77	G	P	J	AF124 AF137	AF185 AF131	AF126 AF134	2N641		2SA240
2SA78	G	P	J	ASY75					
2SA80	G	P	J	AF124 AF137	AF185 AF134	AF126 AF136	2N641	2N371	2SA240
2SA81	G	P	J	AF185	AF132	AF136	2N1634	2N1638	
2SA82	G	P	J	AF185	AF134	AF136	2N373		
2SA83	G	P	J	AF185	AF134	AF136	2N1634	2N1638	
2SA84	G	P	J	AF185	AF132	AF136	1634	2N1638	
2SA85	G	P	J	AF124	AF131	AF136	2N544		
2SA86	G	P	J	AF125 AF131	AF126 AF134	AF137 AF135	2N641		2SA240
2SA89	G	P	J	AF131	AF134	AF136	2N481		
2SA90	G	P	J	AF131	AF135	AF136	2N499		2SA90
2SA92	G	P	J	AF125 AF132	AF185 AF136	AF135	2N1110 2N374	2N345	2SA156
2SA93	G	P	J	AF126 AF134	AF185	AF136	2N641 2N417	2N308	2SA240
2SA94	G	P	J	AF185					
2SA100	G	P	J	AF127 AF136	AF137	AF133	2N4034	2N642	2SA240
2SA101	G	P	J	AF127	AF185	AF137	2N4034	2N642	2SA240
2SA102	G	P	J	AF124 AF137	AF127 AF181	AF185 ASZ20	2N4034	2N642	2SA240
2SA103	G	P	J	AF124 AF137	AF127 AF181	AF185 ASZ20	2N642		2SA240
2SA104	G	P	J	AF127 AF134	AF185 AF135	AF137	2N4034	2N642	2SA240
2SA105	G	P	J	AF178	AF130	AF135	2N2435	2N299	
2SA106	G	P	J	AF185					
2SA107	G	P	J	AF185					
2SA108	G	P	J	AF125 AF136	AF185	AF135	2N1110 2N499	2N374	2SA156
2SA109	G	P	J	AF127 AF136	AF185	AF137	2N4034 2N374	2N642 2N481	2SA240
2SA110	G	P	J	AF126 AF131	AF185	AF136	2N641 2N374	2N373	2SA240
2SA111	G	P	J	AF125 AF136	AF185	AF135	2N1110 2N374	2N373	2SA156

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SAA112	G	P	J	AF124 AF194	AF185 AF131	AF134 AF136	2N4035 2N374	2N346 2N499	2SA235
2SAA113	G	P	J	AF185					
2SAA114	G	P	J	AF185					
2SAA115	G	P	J	AF185					
2SAA116	G	P	J	AF124 AF194	AF178 AF135	AF134	2N2495 2N384	2N4035 2N346	2SA235
2SAA117	G	P	J	AF124 AF194	AF178 AF130	AF134 AF135	2N2495 2N1178	2N4035 2N346	2SA235
2SAA118	G	P	J	AF124 AF194	AF178 AF130	AF134 AF136	2N2435 2N1179	2N4035 2N346	2SA235
2SAA121	G	P	J	AF125 AF135	AF185 AF136	AF178	2N1110 2N1180	2N1177	2SA156 2T201
2SAA122	G	P	J	AF178	AF185	AFZ12	2N1178	2N1180	2T201
2SAA123	G	P	J	AF125 AF135	AF178 AFZ12	AF185	2N1110 2N1180	2N1179	2SA156 2T201
2SSA124	G	P	J	AF124 AF194	AF178 AF135	AF134 AF212	2N2495 2N1180	2N4035	2SA235 2T203
2SSA125	G	P	J	AF124 AF194	AF178 AFZ12	AF134	2N2495 2N4035	2N346 2N1180	2SA235 2T205A
2SSA128	G	P	J	AF185					
2SSA129	G	P	J	AF185					
2SSA130	G	P	J	AF185					
2SSA131	G	P	J	AF185					
2SSA132	G	P	J	AF185					
2SSA133	G	P	J	AF185					
2SSA134	G	P	J	AF178			2N2495		
2SSA135	G	P	J	AF178			2N2495		
2SSA136	G	P	J	AF185	AF126	AFY15			2SA52
2SSA137	G	P	J	AF185					
2SSA138	G	P	J	AF185					
2SSA139	G	P	J	AF185					
2SSA141	G	P	J	ASY26 AF133	AF185 AF137	AFY15	2N799	2N218	2SA55
2SSA142	G	P	J	ASY27 AFY15	AF127 AF133	AF185 AF137	2N799	2N135	
2SSA143	G	P	J	AF126 AF136	AF185	AF131	2N137		
2SA144	G	P	J	AF124 AF195	AF185 AF130	AF134	2N346 2N113	2N4035 2N624	2SA235
2SA145	G	P	J	AF185	AF130				
2SA146	G	P	J	AF185	AF133	AF136	2N409		
2SA147	G	P	J	AF185	AF133	AF137			
2SA148	G	P	J	AF185	AF132	AF137			
2SA149	G	P	J	AF185	AF132	AF137			

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SA151	G	P	J	AF185					
2SA152	G	P	J	AF185	AF132	AF136			
2SA153	G	P	J	AF178	AF185	AF134	2N2495		
2SA154	G	P	J	AF185	AF132	AF137			
2SA155	G	P	J	AF185	AF134	AF137	2N267		
2SA156	G	P	J	AF185	Af135	AF136	2N384		
2SA157	G	P	J	AF178	AF185	AF134	2N2495		
2SA159	G	P	J	AF178	AF185	AF134	2N2495		
2SA160	G	P	J	AF185					
2SA161	G	P	J	AF106 AF102	AF178	AF190	2N2495		2SA230
2SA167	G	P	J	AF127 AF136	AF185	AF133	2N410		
2SA168	G	P	J	AF185	AF132	AF137	2N135		
SA168A	G	P	J	AF185	AF116	AF127	2N397		
SA175	G	P	J	AF178	AF185	AF134	2N2495	2N384	
SA176	G	P	J	AF185					
2SA178	G	P	J	AF185	AF131	AF134			
2SA180	G	P	J	AF185	AF131	AF136			
2SA181	G	P	J	AF185	AF133	AF137	2N427		
2SA182	G	P	J	AF185	AF133	AF137	2N254		
2SA183	G	P	J	AF185 AF126	AC121 AF132	AFY15 AF137	2N78		2SA52
2SA184	G	P	J	AF185	AF133	AF137	2N292		
2SA186	G	P	J	AF126	AFY15	AF185			2SA52
2SA188	G	P	J	AF185					
2SA189	G	P	J	AF185					
2SA190	G	P	J	AF185					
2SA191	G	P	J	AF185					
2SA192	G	P	J	AF185	AF131	AF136	2N411		
2SA193	G	P	J	AF185	AF133	AF137	2N313		
2SA194	G	P	J	AF185					
2SA195	G	P	J	AF185	AF131	AF137	2N135		
2SA196	G	P	J	AF185	AF127	AF133	2N136		
2SA197	G	P	J	AF185	AF132	AF137			
2SA198	G	P	J	AF185	AF131	AF137			
2SA199	G	P	J	AF185	AF132	AF137			
2SA200	G	P	J	AF185	AF131	AF137			
2SA201	G	P	J	AF121 AFY15	AF185	AF126			2SA52
2SA202	G	P	J	AF121V AF126	AF185	AFY15			2SA52

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2?SA203	G	P	J	AF185 AF133	AF126 AF137	AFY15			2SA52
2?SA206	G	P	J	AF185	AF133	AF137	2N252	2N1305	
2?SA208	G	P	J	ASY26 AF136	AF126	AF130	2N799	2N146	2SA155
2?SA209	G	P	J	ASY26 AF137	AF127	AF133	2N799	2N412	2SA155
2?SA210	G	P	J	ASY26			2N799	2N307	2SA155
2?SA211	G	P	J	ASY26			2N799		2SA155
2?SA212	G	P	J	ASY26			2N799		2SA155
2?SA213	G	P	J	AF178	AF129	AF134	2N2495		
2?SA214	G	P	J	AF178	AF130	AF135	2N2495		
2?SA215	G	P	J	AF185	AF135	AF137			
2?SA216	G	P	J	AF178	AF127		2N2495		
2?SA218	G	P	J	AF185	AF126	AF134			
2?SA219	G	P	J	AF185	AF126				
2?SA220	G	P	J	AF185	AF134	AF136			
2?SA221	G	P	J	AF185	AF126	AF134			
2?SA222	G	P	J	AF185	AF134	AF136			
2?SA223	G	P	J	AF185	AF126	AF134			
2?SA224	G	P	J	AF185	AF134	AF135			
2?SA226	G	P	J	AF185	AF134	AF135			
2?SA227	G	P	J	AF178	AF126	AF134	2N2495		
2?SA229	G	P	J	AF139	AF178	AF186	2N2495	11M139	M9031
2?SA230	G	P	J	AF139	AF178	AF186	2N2495	11M139	M9031
2?SA233	G	P	J	AF185	AF117	AF126	2N136		
2?SA234	G	P	J	AF106 AF136	AF185 AFZ12	AF190			2SA230
2?SA235	G	P	J	AF106 AF135	AF178 AFZ12	AF190	2N2495	2N299	2SA230
2?SA236	G	P	J	AF185	AF127				
2?SA237	G	P	J	AF185					
2?SA238	G	P	J	AF186					
2?SA239	G	P	J	AF106	AF190				2SA230
2?SA240	G	P	S	AF106 AF190	AF178	AF185	2N2495		2SA230
2?SA241	G	P	J	AF118	AF178		2N2495	2N2207	2SA76
2?SA242	G	P	J	AF178	AF118		2N2495		
2?SA243	G	P	J	AF178	AF118		2N2495		
2?SA246	G	P	J	AF106					
2?SA250	G	P	J	AF185					
2?SA253	G	P	J	AF185					
2?SA254	G	P	J	AF185	AF136	AF186	2N1058		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SA255	G	P	J	AC162 AF133	AC170 AF127	AF137	2N37	2N211	2SA459
2SA256	G	P	J	AF185	AF135	AF136	2N370		
2SA257	G	P	J	AF185	AF130	AF134			
2SA258	G	P	J	AF185	AF130	AF134			
2SA259	G	P	J	AF185 AF135	AF134 AF136	AF137	2N247	2N374	
2SA266	G	P	J	AF124	AF185	AF134	2N4035	2N346	2SA235
2SA267	G	P	J	AF125 AF131	AF185	AF135	2N1110		2SA156
2SA268	G	P	J	AF126 AF132	AF185	AF136	SET316	2N641	2SA240
2SA269	G	P	J	AF127 AF133	AF185	AF137	2N4034 2N248	2N642	2SA240
2SA270	G	P	J	AF125 AF133	AF185	AF135	2N1110	2N299	2SA156
3A271	G	P	J	AF127 AF132	AF185	AF137	2N4034	2N642	2SA240
3A272	G	P	J	AF127 AF133	AF185	AF137	2N4034	2N642	2SA240
2SA273	G	P	J	AF126	AF185	AF136	SET316	2N641	2SA240
2SA274	G	P	J	AF127	AF185	AF137	2N4034	2N642	2SA240
2SA275	G	P	J	AF125	AF185	AF135	2N1110		2SA156
2SA282	G	P	J						2SA311
2SA283	G	P	J						2SA312
2SA284	G	P	J						2SA538
2SA285	G	P	J	AF185	AF132	AF134			
2SA286	G	P	J	AF185	AF134	AF135			
2SA287	G	P	J	AF185	AF134	AF135			
2SA293	G	P	J	AF126 AF136	AF137	AF132	SE1316 2N267	2N641	2SA240
2SA296	G	P	J	AF126	AFY15		SE1316	2N641	2SA52
2SA297	G	P	J	AF126	AFY15		SET316	2N641	2SA52
2SA298	G	P	J	AF185					
2SA304	G	P	J	AF185					
2SA305	G	P	J	AF185					2SA313
2SA307	G	P	J	AF185					
2SA311	G	P	J	AF185	AUY10				
2SA312	G	P	J	AF185					
2SA313	G	P	J	AF185	AF125	AF134			
2SA314	G	P	J	AF185	AF125	AF134			
2SA315	G	P	J	AF125 AF134	AF185	AF135	2N1110		2SA156

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
SSA316	G	P	J	AF185 AF134	AF125	AF135			2SA316
SSA321	G	P	J	AF127	AF137		2N4034	2N642	2SA240
SSA322	G	P	J	AF185					
SSA323	G	P	J	AF124	AF185	AF134	2N4035	2N346	2SA235
SSA324	G	P	J	AF125	AF185	AF135	2N1110		2SA156
SSA340	G	P	J	AF124 AF125	AF127 AF135	AF185	2N1110		2SA156
SSA341	G	P	J	AF124 AF194	AF185	AF121	2N4035	2N346	2SA235
SSA342	G	P	J	AF124 AF121	AF178 AF194	AF185	2N2495 2N346	2N4035	2SA235
SSA350	G	P	J	AF126 AF125	AF127 AF130	AF135	SET316	2N641	2SA240
SSA352	G	P	J	AF126 AF129	AF137 AF134	AF124	SET316	2N641	2SA240
SSA353	G	P	J	AF124 AF134	AF137	AF130	SET316	2N641	2SA240
SSA377	G	P	J	AF106	AF190				2SA230
SSA380	G	P	J	AF185					
SSA381	G	P	J	AF185					
SSA382	G	P	J	AF185					
SSA383	G	P	J	AF185					
SSA384	G	P	J	AF185					
SSA400	G	P	J	AF185					
SSA420	G	P	J	AF139			2N2244	11N139	M9031
SSA422	G	P	J	AF139			2N2244	11N139	M9031
SSA433	G	P	J	AF126	AF136	SET316	2N641		2SA240
SSA454	G	P	J	AF139			2N2244	11N139	N9031
SSA455	G	P	J	AF139			2N2244	11N139	N9031
SSA456	G	P	J	AF139			2N2244	11N139	N9031
SSA468	G	P	J						
SSA469	G	P	J						
SSA470	G	P	J						
SSA471	G	P	J	AF127 AF132	AF137 AF136	AF126	2N4034	2N642	2SA240
SSA472	G	P	J						
SSA474	G	P	J						2SA472
SSA478	G	P	J						
SSA479	G	P	J						
SSA485	G	P	J						
SSA486	G	P	J						
SSA495	G	P	J						2SA495G
SSA496	S	P	J						2SA561

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SA497	S	P	J				2N4940		
2SA498	S	P	J						2SA497
2SA499	S	P	J				2N4940		
2SA500	S	P	J				2N4940		
2SA503	S	P	J						2SA504
2SA504	S	P	J	BCW92K					
2SA505	S	P	J						
2SA510	G	P	J	BFS90A					
2SA511	G	P	J						2SA510
2SA512	G	P	J						2SA511
2SA513	G	P	J						2SA512
2SA518	G	P	J						
2SA538	G	P	J				40359		
2SA561	G	P	J						2SA659
2SA562	G	P	J						
2SA1018	G	P	J						
2SB12	G	P	J	AC122	AC125	AC163	2N76		
2SB13	G	P	J	AC116	AC128	AC153	2N407		
2SB14	G	P	J	AC131	AC152	OC76	2N467		
2SB16	G	P	J	AD148	AD149	OC30	2N155		
2SB17	G	P	J	AD148	AD149	OC30	2N351		
2SB22	G	P	J	AC152V AC128	AC152	AC131	2N1924	2N238	2SB156
2SB25	G	P	J	AUY22 AD139	AD138/50 AD150	AZ18 ASZ16			2SB25
2SB26	G	P	J	AD148 AD139	AD149 AD150	AD138	2N2836 2N561	2N1022A	2SB151
2SB27	G	P	J	AD148	AD149	AD150	2N2836	2N376	
2SB28	G	P	J	AD148	AD149	AD150	2N2836	2N351	
2SB29	G	P	J	AD148	AD149	AD150	2N2836	2N351	
2SB30	G	P	J	AD148	AD149	OC30	2N2836	2N255	
2SB31	G	P	J	AD148	AD149	AD150	2N2836	2N256	
2SB32	G	P	J	AC151 AC132	AC126 AC152	AC122 AC163	2N2429 2N680	2N238	2SB459
2SB33	G	P	J	AC151 AC126	AC128 AC131	AC132 AC153V	2N2431 2N680	2N238	2SB459
2SB34	G	P	J	AC151 AC153	AC128	AC124	2N2431	2N1381	
2SB37	G	P	J	AC151 AC126	AC128 AC152	AC131	2N2431 2N680	2N238	2SB459
2SB38	G	P	J	AC151 AC131	AC153 AC126	AC128 AC117	2N2431 2N1381	2N238	2SB459
2SB39	G	P	J	AC151	AC126	AC122	2N2429	2N238	2SB459

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
SSB40	G	P	J	AC151	AC122/30	AC126	2N238		2SB459
SSB41	G	P	J	AD131	AD148	AD149	2N2836 2N2065	T13029 2N301	2SB471
SSB42	G	P	J	AD132	AD149	ASZ15	2N2065		2SB472
SSB43	G	P	J	AC151	AC122		2N238		2SB459
SSB44	G	P	J	AC128			2N2431		
SSB46	G	P	J	AC126	AC152	AC162	2N2429	2N217	
SSB47	G	P	J	AC126 ASY80	AC132	AC152IV	2N2429		
SSB48	G	P	J	AC126	AC125	AC163	2N2429	2N1145	2T312
SSB49	G	P	J	AC126 AC153	2N128	AC131	2N2429	2N2431	
SSB50	G	P	J	AC126 AC153	AC131	AC152	2N2429	2N1605	2T315
SSB51	G	P	J	AC128	AC131	AC153	2N2431	2N1383	2T322
SSB52	G	P	J	AC128	AC131	AC153	2N2431	2N1413	2T324
SSB53	G	P	J	AC128	AC131	AC153	2N2431	2N1307	2T383
SSB54	G	P	J	AC151VI AC122	AC151VII AC125	AC128 AC152	2N2431	2N408	2SB43
SSB55	G	P	J	AC151 AC124	AC128 AC153	AC131/30	2N2431	2N238	2SB459
SSB56	G	P	J	AC128 AC153	AC151V	AC126	2N2431	2N680	
SSB56A	G	P	J	AC151V					
SSB57	G	P	J	AC151 AC152V	AC128	AC126	2N2431		
SSB58	G	P	J	AC128			2N2431		
SSB59	G	P	J	AC151VI AC125	AC126	AC122gr.	2N2429		
SSB60	G	P	J	AC126			2N2429		
SSB60A	G	P	J	AC151V AC13i	AC151VI AC128	AC126	2N2429		
SSB61	G	P	J	AC151VI AC122gr	AC126 AC117	AC125 AC153	2N2429	2N680	
SSB62	G	P	J	AD139	ASZ16				
SSB63	G	P	J	AD149	AD139		2N2836		
SSB64	G	P	J	AC131	AC152	OC76	2N422	2N467	
SSB65	G	P	J	AC151V AC131	AC122 AC152	AC128 AC126	2N36	2N1394	
SSB66	G	P	J	AC151VI AC128	AC151VII AC131	AC126 AC125	2N2429	2N2431	
SSB67	G	P	J	AC153	AC124	AC128	2N467		2SB222
SSB68	G	P	J	AC122/30 ASY77	AC122 ASY81	ASY48			2SB460
SSB70	G	P	J	AC126			2N2429		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SB71	G	P	J	AC126	AC152IV	AF126	2N2429		
2SB73	G	P	J	AC126	AC151	AC122	2N2429		2SB45
2SB74	G	P	J	AC126	AC125	AC163	2N2429	2N105	
2SB75	G	P	J	AC126 AC170	AC162	AC163	2N2429	2N34	
2SB75A	G	P	J	AC151V	AC122				2SB45
2SB76	G	P	J	AC126	AC151	AC152	2N2429	2N408	
2SB77	G	P	J	AC128 AC131	AC151VI AC163	AC125	2N2431	2N41	
2SB77A	G	P	J	AC151VI					
2SB78	G	P	J	AC128	AC152	AC153	2N2431	2N43	
2SB79	G	P	J	AC128	AC117	AC153	2N2431	2N187A	
2SB80	G	P	J	AD149	AD139		2N2836		
2SB83	G	P	J	AD149	AD131	AD150	2N2836	2N1295	
2SB84	G	P	J	AC149	AD150				
2SB86	G	P	J	AD148 OC30	CTP1104		2N1291		
2SB87	G	P	J	AD131	CTP1313	OC28	2N387		
2SB89	G	P	J	AC151VI AC125	AC128 AC152IV	AC122gr AC153	2N2431	2N1381	
2SB90	G	P	J	AC126	AC162	AC170	2N2429		
2SB91	G	P	J	AC128 AC153	AC131	AC132	2N2431		
2SB92	G	P	J	AC128			2N2431		
2SB94	G	P	J	AC128 AC131	AC151 AC152	AC122 AC153	2N2431 2N44A	2N2447	2SB45
2SB95	G	P	J	AC128			2N2431		
2SB96	G	P	J	AC128			2N2431		
2SB97	G	P	J	AC126			2N2429		
2SB98	G	P	J	ASY26 AC153	AC128	AC125	2N2431 2N45	2N799	2SB15
2SB99	G	P	J	AC128	AC152	AC153	2N2431	2N633	
2SB100	G	P	J	ASY26 AC162	AC126 AC163	AC122	2N2429 2N130	2N799	2SA15
2SB101	G	P	J	ASY26 AC152	AC128	AC131	2N2431 2N43	2N799	2SA15
2SB102	G	P	J	AC128	AC117	AC153	2N2431	2N188	
2SB103	G	P	J	AC128	AC152	AC153	2N2431	2N190	
2SB104	G	P	J	AC128	AC152	AC153	2N2431	2N188A	
2SB105	G	P	J	AD149	AC152	AC153	2N2836	2N241	
2SB106	G	P	J	AD148	AD149	OC30	2N2836	2N352	
2SB107	G	P	J	AD148	CTP1104	OC30	2N353		
2SB107A	G	P	J	AD166 OC30	AD148 CT1104	AD149	T1156 2N68	2N456	2SB47

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SSB108	G	P	J	AD149			2N2836		
2SSB109	G	P	J	AD149			2N2836		
2SSB110	G	P	J	AC151 AC162	AC126 AC163	AC122 ASY26	2N2429	2N46	
2SSB111	G	P	J	AC151IV AC125	AC126 AC152	AC122 AC163	2N2429	2N77	
2SSB112	G	P	J	AC151V AC125	AC126 AC131	AC122 AC152IV	2N2429	2N79	
2SSB113	G	P	J	AC151V AC125	AC126 AC163	AC122	2N2429	2N96	
2SSB114	G	P	J	AC128 AC125	AC122 AC163	AC151	2N2431	2N36	
2SSB115	G	P	J	AC151VI AC122	AC151VII AC125	AC128 AC163	2N2431	2N37	
2SSB116	G	P	J	AC151VII AC125	AC128 AC163	AC122	2N2431	2N38	
2SSB117	G	P	J	AC151VII AC125	AC128 AC163	AC122	2N2431	2N38A	
2SSB118	G	P	J	AC149			2N2836		
2SSB119	G	P	J	AC149			2N2836		
2SSB120	G	P	J	AC151V AC125	AC126 AC163	AC122g	2N2429	2N951	
2SSB121	G	P	J	AC125			2N398		
2SSB122	G	P	J	ASZ15	AUY28	AUY22			
2SSB124	G	P	J	ASZ15	AUY28	AUY22	2N1100		
2SSB125	G	P	J	ASZ16	AUY21				
2SSB127	G	P	J	ADZ11	AD133	AD138	2N1022A	2N561	2SB151
2SSB128	G	P	J	ASZ18	AUY22	AUY28			
2SSB130	G	P	J	AD148	OC30		2N155		
2SSB131	G	P	J	AD149			2N2836		
2SSB134	G	P	J	AC126	AC125	AC163	2N2429	2N82	
2SSB135	G	P	J	AC151V AC125	AC126 AC131	AC122g AC153	2N2429	2N138	
2SSB136	G	P	J	AC151VII AC125	AC128 AC131	AC122g AC153	2N2431		
2SSB137	G	P	J	AD149			2N2836		
2SSB140	G	P	J	AD149	ASZ16	AUY21	2N2836	2N301	2T3011
2SSB141	G	P	J	ASZ15	AUY22	AUY28	2N301A		2T3021
2SSB142	G	P	J	AD149	AD139	AD150	2N2836	2N301	2T3030
2SSB143	G	P	J	AD149	AD139	AD150	2N2836	2N669	2T3032
2SSB144	G	P	J	AD149	AD139	AD150	2N2836	2N669	2T3032
2SSB145	G	P	J	AD149	AD150		2N2836		2T3042
2SSB146	G	P	J	AD149	AD150		2N2836		2T3043
2SSB148	G	P	J	AS216	ASZ18	AUY21			
2SSB150	G	P	J				2N398		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SB151	G	P	J	AUY22 AD131	AD138 CDT1313	ASZ18 OC28	2N561		
2SB152	G	P	J	AD131	OC28	0D605	2N157A		
2SB153	G	P	J	AC126	AC152	AC162	2N2429		
2SB154	G	P	J	AC128 AC153	AC131	AC132	2N2431	2N408	
2SB155	G	P	J	AC128	AC117	AC153	2N2431	2N249	2SB370/
2SB156	G	P	J	AC128	AC131	AC153	2N2431	2N1307	
2SB156A	G	P	J	AC121V AC131	Ac117 AC153	AC128	2N1307	2N2431	2SB156/
2SB157	G	P	J	AC126	OC58	OC59	2N2429		
2SB158	G	P	J	AC126	OC58	OC59	2N2429		
2SB159	G	P	J	AC126	OC59	OC60	2N2429		
2SB160	G	P	J	AC126	OC60		2N2429		
'SB161	G	P	J	AC128 AC152	AC151 AC163	AC122	2N2431	2N367	
;B162	G	P	J	AC128 AC124	AC122 AC153	AC151	2N2431	2N319	
;B163	G	P	J	AC128	AC124	AC153	2N241	2N320	
.SB164	G	P	J	AC128	AC124	AC153	2N2431	2N321	
2SB165	G	P	J	AC128	AC125	AC153	2N431	2N323	
2SB166	G	P	J	AC128	AC124	AC153	2N2431		
2SB167	G	P	J	AC152V	AC122	AC128			
2SB168	G	P	J	AC151V AC125	AC126 OC331	AC122 OC622	2N2429		
2SB169	G	P	J	AC151VI AC126	AC128 OC343	AC122 OC624	2N2431		
2SB170	G	P	J	AC151 AC126	AC128 AC162	AC122 AC163	2N2431	2N76	
2SB171	G	P	J	AC151V AC126	AC128 AC162	AC122 AC163	2N2431	2N81	
2SB172	G	P	J	AC151V AC126	AC128 AC132	AC122 AC153	2N2431	2N505	
2SB173	G	P	J	AC151V AC162	AC126	AC125	2N2429		
2SB174	G	P	J	AC128	AC117	AC153	2N2431	2N223	
2SB175	G	P	J	AC151VI AC126	AC128 ASY77	AC122	2N2431	2N132	
2SN176	G	P	J	AC128 AC152	AC153	AC131	2N2431 2N4607	2N4106 2N505	2S222
2SB177	G	P	J	ACY77					
2SB178	G	P	J	AC152V	AC128	AC124r	2N2431	2N610	2SB222
2SB178A	G	P	J	ASY80					
2SB179	G	P	J	AC128	ASY80		2N2431		
2SB180	G	P	J	AD148	AD149	OC30	2N2836	2N301	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SB181	G	P	J	AD148	AD149		2N307		
2SB182	G	P	J	AF185					
2SB183	G	P	J	AC126	AC122	AC163	2N2429	2N132A	
2SB183A	G	P	J	OC60					
2SB184	G	P	J	AC128	AC125	AC163	2N2431	2N63	
2SB185	G	P	J	AC151V	AC126	AC128	2N107		
				AC122	AC125	AC163			
2SB186	G	P	J	AC152VI	AC126	AC122	2N2429	2N4106	2S32
				AC128	AC125	AC163	2N610	2N240	
2SB187	G	P	J	AC152VI	AC126	AC122	2N2429	2N4106	2S32
				AC128	AC131	AC152	2N610	2N1144	
2SB188	G	P	J	AC152VI	AC128	AC117r	2N2431	2N610	2S32
				AC126	AC152				
2SB189	G	P	J	AC128	AC117	AC152VI	2N2431	2N610	2S32
				AC131	AC153	ACY80	2N1036		
2SB190	G	P	J	AC128	AC125	AC163	2N2431	2N322	
2SB191	G	P	J	AC122	AC125	AC163	2N47		
2SB192	G	P	J	AC128	AC125	AC163	2N2431	2N48	
2SB193	G	P	J	AC128	AC116	AC153	2N2431	2N324	
2SB194	G	P	J	AC128	AC131	AC152	2N2431	2N1145	
2SB195	G	P	J	AC128	AC117	AC153	2N2431	2N1097	
2SB196	G	P	J	AC128	AC124	AC153	2N2431	2N225	
2SB197	G	P	J	AC128	AC124	AC153	2N2431	2N226	
2SB198	G	P	J	AC128	AC124	AC153	2N2431	2N227	
2SB199	G	P	J	AC128	AC124	AC153	2N2431	2N138B	
2SB200	G	P	J	AC128	AC153V	AC124	2N2431	2N4106	2SB222
				AD139	AD149		2N467		
2SB200A	G	P	J	AC153V	AC153VI				
2SB201	G	P	J	AC117	AC128	AC153V	2N4106	2N467	2SB222
				AC122	AC126	AC162			
2SB202	G	P	J	AC153VII	AC128	AC117	2N2431	2N4106	2SB222
				AC153	AD139	AD149	2N467		
2SB208	G	P	J	AC124	AC128	AC152			
2SB215	G	P	J	AD163	ASZ15				2SB341
2SB216	G	P	J	AD131	AD138/50	AD149	T13029	2N2065	2SB471
2SB217	G	P	J	AD150			T1156	2N456	2SB4026
2SB218	G	P	J	AC122	AC163	OC70	2N61	2N524	
2SB219	G	P	J	AC128	AC153	AC163	2N2431	2N41	
2SB220	G	P	J	AC128	AC124	AC153	2N2431	2N43	
2SB221	G	P	J	AC128	AC124	AC153	2N2431	N524	
2SB222	G	P	J	AC128	AC124	AC153	2N2431	2N220	
2SB223	G	P	J	AC128			2N2431		
2SB224	G	P	J	AC131	AC152	AC153	2N284	2N524	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SB225	G	P	J	AC117	AC128	AC153	2N43	2N525	
2SB226	G	P	J	AC124	AC128	AC153	2N408	2N526	
2SB227	G	P	J	AC124	AC128	AC153	2N223	2N527	
2SB235	G	P	J	AFZ11					
2SB236	G	P	J						
2SB237	G	P	J						
2SB240	G	P	J	AD148	CTP1104	OC30	2N68		
2SB240A	G	P	J	AD148	CTP1104	OC30	2N141		
2SB242	G	P	J	AUY18 CTP1104	ASZ15 OC30	AD148	2N1183		
2SB242A	G	P	J	AUY18 OC30	AD148	CTP1104	2N141		
2SB247	G	P	J	AD133IV ADZ11	AD133V	AD138			
2SB248	G	P	J	AC124	AC128	AC153	2N1502		
2SB248A	G	P	J	AD133IV AD211	AD133V AC105	AD138 AC117	2N1501		
2SB249	G	P	J	AC128	AC153	ASZ18	2N457		
2SB250	G	P	J	AD133V AD148	AD138 AD149	ADZ11 OC30	2N176		
2SB250A	G	P	J	AC117	AC128	AC153	2N1245		
2SB251	G	P	J	AD133V AC128	AD138 AC153	ADZ11 AD149	2N1246		
2SB252	G	P	J	AD133V	AD138/50	ADZ11			
2SB252A	G	P	J	AD148	ASZ18	OC30	2N1437		
2SB253	G	P	J	AC128	AC153	ASZ18	2N1263		
2SB254	G	P	J	AC128	AC125		2N2431		
2SB255	G	P	J	AC128			2N2431		
2SB257	G	P	J						2SA305
2SB261	G	P	J	AC126	AC125	AC163	2N2429	2N405	
2SB262	G	P	J	AC126	AC125	AC153	2N2429	2N407	
2SB263	G	P	J	AC128	AC124	AC153	2N2431	2N270	
2SB264	G	P	J	AC126	AC125	AC153	2N2429	2N133	
2SB265	G	P	J	ASY26					
2SB266	G	P	J	AC125	AC152	AC170			
2SB267	G	P	J	AC128	AC131	AC153			
2SB276				AU103					
2SB290	G	P	J	ASY26	AC122		2N799		2SA155
2SB291	G	P	J	ASY26	AC131		2N799		2SA155
2SB292	G	P	J	ASY26	AC131		2N799		2SA155
2SB302	G	P	J	AF124	AF134				2SA235
2SB303	G	P	J	AC163	AC150	AC125			2SB73
2SB306	G	P	J						2SB425
2SB328	G	P	J	NKT274					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SB329	G	P	J	NKT274					
2SB345	G	P	J	AC151VII AC125	AC126	AC122vi	2N2429		
2SB346	G	P	J	AC151VII	AC126	AC131/50	2N2429		
2SB347	G	P	J	AC126			2N2429		
2SB348	G	P	J	AC126			2N2429		
2SB364	G	P	J	AC128	AC131	AC153	2N1924	2N2431	2SB370A
2SB365	G	P	J	AC128	AC131	AC153	2N1924	2N2431	2SB3
2SB370	G	P	J	AC128					
2SB371	G	P	J	AC151VI	AC122gr.	AC125			
2SB378	G	P	J	AC121	AC131	AC128	2N2431		2SB156A
2SB379	G	P	J	AC121	AC131	AC128	2N2431		2SB156A
2SB381	G	P	J	AC151IV	AC122r	AC126	2N238		2SB459
2SB383	G	P	J	AC124	AC153				2SB67
2SB384									
2SB385	G	P	J						
2SB391	G	P	J	AUY21	AUY28	ASZ18	2N352		2S339
2SB400	G	P	J	AC121VI	AC160				
2SB415	G	P	J						
2SB422	G	P	J	AC122	AC126	AC151			
2SB424	G	P	J						
2SB425	G	P	J						2SB426
2SB426	G	P	J						2SB425
2SB434	G	P	J						2SB435
2SB435	G	P	J						2SB434
2SB439	G	P	J	AC163	AC171	AC128	2N2907	2N506	2SB459
2SB440	G	P	J	AC163	AC171	AC128	2N2907	2N506	2SB459
2SB443	G	P	J	AC121VI					
2SB443A	G	P	J	AC121VI					
2SB443B	G	P	J	AC121VI					
2SB444	G	P	J	AC121VI					
2SB444A	G	P	J	AC121VI					
2SB444B	G	P	J	AC121VI					
2SB462	G	P	J						2SB463
2SB463	G	P	J						2SB462
2SB473	G	P	J	AD162VII					2SB367
2SB475	G	P	J	AC121VI					
2SB482	G	P	J						2SB486
2SB486	G	P	J						2SB482
2SC11	G	N	J	ASY29	ASY73				
2SC15	S	N	J				2N1753	2N1754	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SB225	G	P	J	AC117	AC128	AC153	2N43	2N525	
2SB226	G	P	J	AC124	AC128	AC153	2N408	2N526	
2SB227	G	P	J	AC124	AC128	AC153	2N223	2N527	
2SB235	G	P	J	AFZ11					
2SB236	G	P	J						
2SB237	G	P	J						
2SB240	G	P	J	AD148	CTP1104	OC30	2N68		
2SB240A	G	P	J	AD148	CTP1104	OC30	2N141		
2SB242	G	P	J	AUY18 CTP1104	ASZ15 OC30	AD148	2N1183		
2SB242A	G	P	J	AUY18 OC30	AD148	CTP1104	2N141		
2SB247	G	P	J	AD133IV ADZ11	AD133V	AD138			
2SB248	G	P	J	AC124	AC128	AC153	2N1502		
2SB248A	G	P	J	AD133IV AD211	AD133V AC105	AD138 AC117	2N1501		
2SB249	G	P	J	AC128	AC153	ASZ18	2N457		
2SB250	G	P	J	AD133V AD148	AD138 AD149	ADZ11 OC30	2N176		
2SB250A	G	P	J	AC117	AC128	AC153	2N1245		
2SB251	G	P	J	AD133V AC128	AD138 AC153	ADZ11 AD149	2N1246		
2SB252	G	P	J	AD133V	AD138/50	ADZ11			
2SB252A	G	P	J	AD148	ASZ18	OC30	2N1437		
2SB253	G	P	J	AC128	AC153	ASZ18	2N1263		
2SB254	G	P	J	AC128	AC125		2N2431		
2SB255	G	P	J	AC128			2N2431		
2SB257	G	P	J						2SA305
2SB261	G	P	J	AC126	AC125	AC163	2N2429	2N405	
2SB262	G	P	J	AC126	AC125	AC153	2N2429	2N407	
2SB263	G	P	J	AC128	AC124	AC153	2N2431	2N270	
2SB264	G	P	J	AC126	AC125	AC153	2N2429	2N133	
2SB265	G	P	J	ASY26					
2SB266	G	P	J	AC125	AC152	AC170			
2SB267	G	P	J	AC128	AC131	AC153			
2SB276				AU103					
2SB290	G	P	J	ASY26	AC122		2N799		2SA155
2SB291	G	P	J	ASY26	AC131		2N799		2SA155
2SB292	G	P	J	ASY26	AC131		2N799		2SA155
2SB302	G	P	J	AF124	AF134				2SA235
2SB303	G	P	J	AC163	AC150	AC125			2SB73
2SB306	G	P	J						2SB425
2SB328	G	P	J	NKT274					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SB329	G	P	J	NKT274					
2SB345	G	P	J	AC151VII AC125	AC126	AC122vi	2N2429		
2SB346	G	P	J	AC151VII	AC126	AC131/50	2N2429		
2SB347	G	P	J	AC126			2N2429		
2SB348	G	P	J	AC126			2N2429		
2SB364	G	P	J	AC128	AC131	AC153	2N1924	2N2431	2SB370A
2SB365	G	P	J	AC128	AC131	AC153	2N1924	2N2431	2SB3
2SB370	G	P	J	AC128					
2SB371	G	P	J	AC151VI	AC122gr.	AC125			
2SB378	G	P	J	AC121	AC131	AC128	2N2431		2SB156A
2SB379	G	P	J	AC121	AC131	AC128	2N2431		2SB156A
2SB381	G	P	J	AC151IV	AC122r	AC126	2N238		2SB459
2SB383	G	P	J	AC124	AC153				2SB67
2SB384									
2SB385	G	P	J						
2SB391	G	P	J	AUY21	AUY28	ASZ18	2N352		2S339
2SB400	G	P	J	AC121VI	AC160				
2SB415	G	P	J						
2SB422	G	P	J	AC122	AC126	AC151			
2SB424	G	P	J						
2SB425	G	P	J						2SB426
2SB426	G	P	J						2SB425
2SB434	G	P	J						2SB435
2SB435	G	P	J						2SB434
2SB439	G	P	J	AC163	AC171	AC128	2N2907	2N506	2SB459
2SB440	G	P	J	AC163	AC171	AC128	2N2907	2N506	2SB459
2SB443	G	P	J	AC121VI					
2SB443A	G	P	J	AC121VI					
2SB443B	G	P	J	AC121VI					
2SB444	G	P	J	AC121VI					
2SB444A	G	P	J	AC121VI					
2SB444B	G	P	J	AC121VI					
2SB462	G	P	J						2SB463
2SB463	G	P	J						2SB462
2SB473	G	P	J	AD162VII					2SB367
2SB475	G	P	J	AC121VI					
2SB482	G	P	J						2SB486
2SB486	G	P	J						2SB482
2SC11	G	N	J	ASY29	ASY73				
2SC15	S	N	J				2N1753	2N1754	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SC23C	S	N	J	BS137					
2SC31	S	N	J	BC140			2N2218A		
2SC32	S	N	J	BFX55	BFY13				
2SC32A	S	N	J	BFX55					
2SC33	S	N	J	BFX55					
2SC38	S	N	J	BFX55					
2SC41	S	N	J	BU110					
2SC43	S	N	J	BU110			2N1490		
2SC44	S	N	J	BU110					
2SC45	S	N	J	BFX55					
2SC50	S	N	J	BU110					
2SC53	S	N	J	BFX55					
2SC64	S	N	J	BSX45	BSX22		2N4231	2N3252	
2SC70	S	N	J						2SC499
2SC72	S	N	J	BF73					
2SC73	G	N	J				2N168A	2N1086	2T73R
2SC74	S	N	J	BFX55					
2SC75	G	N	J				2N169	2N293	2T75R
2SC76	G	N	J				2N169	2N293	2T75R
2SC77	G	N	J				2N169	2N293	2T77R
2SC78	G	N	J	ASY14			2N1109	2N1121	2T78R
2SC79	S	N	J	BF173					2SC464
2SC89	G	N	J	ASY14					
2SC90	G	N	J				2N1304		
2SC91	G	N	J				2N1306		
2SC97	S	N	J	BC140			2N3036	2N2218A	
2SC101	S	N	J						2SC782
2SC103	S	N	J	BDY91					
2SC105	S	N	J	BC169	BC169B	BC173	MPS6521		
2SC106	S	N	J						2SA472 2SA474
2SC107	S	N	J						2SB216
2SC108	S	N	J						2SC400
2SC109	S	N	J						2SC393
2SC120	S	N	J	BC140VI	BSY46		2N2218A	2N3036	2SC708
2SC121	S	N	J	BC140VI	BSY46		2N2218A	2N3036	2SC708
2SC122	S	N	J	BC140X	BSY46		2N2218A	2N3036	2SC708
2SC123	S	N	J	BC140XVI	BSY46		2N2218A	2N3036	2SC708
2SC124	S	N	J	BC140VI	BSY46		2N2218A	2N3036	2SC708
2SC127	S	N	J	BC140XVI	BSY46		2N2218A	2N3036	2SC708
2SC147	S	N	J				2N2196		
2SC170	S	N	J	BC108	BC183		2N3391		2SC458

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SC174	S	N	J	BC167	BC183	BC171A	MPS6566		2SC458
2SC183	S	N	J	BF115					
2SC184	S	N	J	BF115					
2SC185	S	N	J	BF115					
2SC191	S	N	J				2N1074	2N1075	
2SC192	S	N	J				2N1074	2N1075	
2SC193	S	N	J				2N336	2N337	
2SC194	S	N	J				2N1074	2N1075	
2SC195	S	N	J				2N1278	2N1279	
2SC196	S	N	J				2N1278	2N1279	
2SC197	S	N	J				2N1277	2N1278	
2SC199	S	N	J	BSY34	BSX73	BSX61	2N2218		2SC458
2SC200	S	N	J	BFX55					
2SC201	S	N	J	BFX55					
2SC202	S	N	J	BFX55					
2SC206	S	N	J	BF184	BF234				2SC460
2SC210	S	N	J	BSY34	BSX61	BSX73	2N2218		2SC479
2SC211	S	N	J	BSY34	BSX61	BSX73	2N2218		2SC479
2SC212	S	N	J	BSX45	BSX22		2N4231	2N3252	
2SC230	S	N	J	BSX49			2N2222A		
2SC233	S	N	J	BSX63					
2SC250	S	N	J	BFY12					
2SC281	S	N	J	BC107A	BC182A		2N3568	2N2921	2SC458
2SC282	S	N	J	BC108	BC183A		2N3391		2SC458
2SC283	S	N	J	BCY65	BC107B		2N2484	2N2483	2SC648
2SC284	S	N	J	BSX49			2N2222A		
2SC291	S	N	J	BSX63	BSW65		2N1893		
2SC300	S	N	J	BSX48			2N222A		
2SC301	S	N	J	BSX48			2N222A		
2SC302	S	N	J	BSX49					
2SC313	S	N	J	BC108A	BC183A		2N3391		2SC458
2SC316	S	N	J	BC109	BC184B		MPS6521		2SC458
2SC318	S	N	J	BC107A	BC182A		2N2921		2SC458
2SC319	S	N	J	BSX48			2N2221		
2SC350	S	N	J	BC107B	BC182B		2N3568		
2SC366	S	N	J	BSY77					2SC499
2SC367	S	N	J				2N930		
2SC368	S	N	J	BC107B	BC182B		2N3568		
2SC369	S	N	J	BC168	BC183		MPS6520		2SC371
2SC370	S	N	J	BC168A	BC183A	BC172A	MPS6520		2SC458
2SC371	S	N	J	BC168A	BC183A	BC172A	MPS6520		2SC458

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SC372	S	N	J	BC168A BC172A	BC168B	BC183A	MPS6520		2SC458
2SC373	S	N	J	BC168A BC183A	BC168B BC172A	BC168C	MPS6520		2SC458
2SC374	S	N	J	BC168C	BC183C	BC172C			
2SC377	S	N	J	BC167A	BC182A	BC171A	MPS6566		2SC458
2SC378	S	N	J	BC167A	BC182A	BC171A	MPS6566		2S6458
2SC379	S	N	J	BC169 BC173B	BC169B	BC184B	MPS6521		
2SC380	S	N	J	BC167 BC172A	BC167A	BC182A	MPS5566		2SC458
2SC381	S	N	J	BC168 BC173A	BC168A	BC183A	MPS5520		2SC458
2SC382	S	N	J	BF173	BF224				2SC464
2SC382	S	N	J	BF173	BF224				2SC464
2SC382G	S	N	J	BF232					
2SC382R	S	N	J	BF232					
2SC384	S	N	J	BF232	BF173	BF224			2SC464
2SC385	S	N	J	BF232	BF224	BF173			2SC464
2SC386	S	N	J	BF173	BF224				2SC464
2SC387	S	N	J	BFX59					2SC707
2SC388	S	N	J	BF173	BF224				2SC464
2SC389	S	N	J	BF173	BF224				2SC464
2SC391	S	N	J						2SC551
2SC393	S	N	J						2SC395A
2SC394	S	N	J	BC167	BC182A	BC171A	MPS6566		2SC458
2SC395	S	N	J						2SC391
2SC395A	S	N	J				2N3794		
2SC397	S	N	J	BF185					
2SC398	S	N	J	BF185	BF237	BF125			2SC535
2SC399	S	N	J	BF185	BF237	BF125			2SC535
2SC400	S	N	J						
2SC401	S	N	J	BC167B	BC182A	BC171A	MP56566		2SC458
2SC402	S	N	J	BC167B	BC182A	BC171A	MPS6566		2SC458
2SC403	S	N	J	OC167A BC167B	BC182A	BC171A	MPS6566		2SC458
2SC404	S	N	J	BC167A BC171A	BC167B	BC182A	MPS6566		2SC458
2SC429	S	N	J	BF173	BF224				2SC464
2SC454	S	N	J	BC148	BC148A	BC172A	2N3568	MPS6520	2SC281
2SC456	S	N	J	BSY58	BSX73		2N2218		2SC479
2SC458	S	N	J	BC148 BC172A	BC148A	BC183A	2N3568	MPS6520	2SC281

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
SC460	S	N	J	BC148 BC172A	BC148A	BC183A	2N3568	MPS6520	2SC281
SC461	S	N	J	BC148	BC148A	BC183A	2N3568	MPS6520	2SC281
SC464	S	N	J	BF173	BF224				
SC465	S	N	J	BF173	BF224				2SC464
SC466	S	N	J	BF173	BF224				2SC464
SC470	S	N	J	BF178	BF140D				2SC856
SC475	S	P	J	BC259C BC253	BC179	BC206	MPS6516		
SC476	S	P	J	BC259C BC253	BC179	BC206	MPS6516		2SC475
SC478	S	N	J	BC107	BC182A		2N3568	2N2921	2SC458
SC481	S	N	J						2SD237
SC482	S	N	J						2SC485
SC484	S	N	J						2SD110
SC485	S	N	J						2SC489
SC486	S	N	J						2SC490
SC487	S	N	J						2SC791
SC489	S	N	J						2SC485
SC490	S	N	J						2SC486
SC491	S	N	J						2SC482
SC493	S	N	J						2SC497
SC494	S	N	J						2SC498
SC495	S	N	J						2SC490
SC496	S	N	J						2SC491
SC497	S	N	J						2SC493
SC498	S	N	J						2SC486
SC499	S	N	J						2SC500
SC500	S	N	J						2SC499
SC501	S	N	J						2SC504
SC502	S	N	J						2SC481
SC503	S	N	J						2SC504
SC504	S	N	J						2SC503
SC506	S	N	J						2SC501
SC508	S	N	J						2SC50
SC510	S	N	J						2SC13
SC511	S	N	J						2SC12
SC512	S	N	J						2SC513
SC513	S	N	J						2SC510
SC515	S	N	J						2SC485
SC519A	S	N	J						2SC101
SC520A	S	N	J						2SC101

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SC521A	S	N	J						2SC101
2SC522	S	N	J						2SC525
2SC523	S	N	J						2SC525
2SC524	S	N	J						2SC525
2SC525	S	N	J						2SC522
2SC535	S	N	J	BF232	BF234	BF184			
				BF254	BF229	BF194			
2SC538	S	N	J	BC108	BC108A	BC108B			
2SC547	S	N	J						2SC597
2SC548	S	N	J						2SC909
2SC549	S	N	J						2SC547
2SC550	S	N	J						2SC549
2SC551	S	N	J						2SC555
2SC552	S	N	J						2SC555
2SC553	S	N	J						2SC555
2SC555	S	N	J				2N497A		
2SC556	S	N	J				2N497A		
2SC558	S	N	J						2SC508
2SC561	S	N	J	BC108	BC183A		2N3391		2SC458
2SC595	S	N	J	BSX48			2N2221		2SC495
2SC601	S	N	J	BFX59					2SC707
2SC605	S	N	J	BF173	BF224				2SC464
2SC611	S	N	J	BFX59					2SC707
2SC622	S	N	J	BC108B	BC183A		2N3391		2SC458
2SC631	S	N	J	BC107B	BC182B				
2SC632	S	N	J	BC108C	BC183C				
2SC633	S	N	J	BC107A	BC182A				
2SC634	S	N	J	BC107A	BC182A				2SC633
2SC640	S	N	J	BC108C	BC183C				
2SC642	S	N	J						2SC487
2SC643	S	N	J						2SC558
2SC644	S	N	J	BC167B	BC182B	BC171B	MPS6566		
2SC649	S	N	J	BC107A	BC182A		2N2921		2SC458
2SC650	S	N	J	BC107B	BC182B				
2SC657	S	N	J	BF173	BF224				2SC464
2SC658	S	N	J	BF173	BF224				2SC464
2SC659	S	N	J	BF173	BF224				2SC464
2SC682	S	N	J	BF173	BF224				2SC464
2SC683	S	N	J	BF173	BF224				2SC464
2SC689A	S	N	J	BC107A	BC182A		2N2921		2SC458
2SC689H	S	N	J	BC107A					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SC712	S	N	J	BC168	BF173				2SC712A
2SC712A	S	N	J	BC168A	BC173				2SC712A
2SC732	S	N	J						2SC733
2SC733	S	N	J						2SC732
2SC434	S	N	J	BC107B	BC182B		2N3508		
2SC735	S	N	J						2SC649
2SC752	S	N	J						2SC505
2SC773	S	N	J	BC167					
2SC780	S	N	J	BSX21					
2SC782	S	N	J						2SC783
2SC784	S	N	J						2SC785
2SC785	S	N	J						2SC784
2SC791	S	N	J						2SC642
2SC793	S	N	J						2SC556
2SC838	S	N	J	BC167	BC182A	BC171A	MPS6566		2SC458
2SC839	S	N	J	BC167	BC182A	BC171A	MPS6566		2SC458
2SC856	S	N	J	BF178					
2SC864	S	N	J	BF167	BC182A	BC171A	MPS6566		2SC458
2SC894	S	N	J	BC108	BC182A				
2SC897	S	N	J	BDY90					
2SC912	S	N	J	BC108A	BC182A				
2SC917	S	N	J	BF177					
2SC941	S	N	J	BC168 BC172A	BC168A	BC183A	MPS6520		
:2SC943	S	N	J	BC107	BC182A				
:2SC1010	S	N	J	BC110	BC1771	BC174			2SC856
:2SD30	G	N	J	AC127	AC179		2N2430		2SD96
:2SC31	G	N	J	AC127	AC179		2N2430		2SD96
:2SD32	G	N	J	AC127	AC179		2N2430		2SD96
:2SD33	G	N	J	AC127	AC179		2N2430		2SD96
:2SD34	G	N	J	AC127	AC179		2N2430		2SD96
:2SD35	G	N	J	AC127	AC179		2N2430		2SD96
:2SD36	G	N	J	AC127	AC179		2N2430		2SD96
:2SD37	G	N	J	AC127	AC179		2N2430		2SD96
:2SD38	G	N	J	AC127	AC179		2N2430		2SD96
:2SD43	G	N	J						
:2SD43A	G	N	J	AC127	AC179		2N2430		2SD96
:2SD44	G	N	J	AC127	AC179		2N2430		2SD96
:2SD45	S	N	J	BU110					
:2SD46	S	N	J	BD130	AM291		2N3055		
:2SD47	S	N	J	BD130	BD109	AM291	2N3059		2SD46

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SD48	S	N	J	BUY46					
2SD49	S	N	J	BUY46					
2SD50	S	N	J	BD130	AM291		2N3055		
2SD51	S	N	J	BD130	AM291		2N3055		
2SD53	S	N	J	BD130	AM291		2N3055		
2SD54	S	N	J	BD130	AM291		2N3055		
2SD56	S	N	J	BU110					
2SD57	S	N	J	BUY43					
2SD58	S	N	J	BUY43					
2SD59	S	N	J	BD130	AM291		2N3055		
2SD60	S	N	J	BD130	AM291		2N3055		
2SD61	G	N	J	AC127	AC179	ASY28	2N2430	2N647	2SD96
2SD62	G	N	J	AC127	AC179	ASY28	2N2430	2N647	2SD96 2T681
2SD63	G	N	J	AC127	AC179		2N2430	2N647	2SD96 2T69
2SD64	G	N	J	AC127	AC179		2N2430	2N647	2SD96 2T64R
2SD65	G	N	J	AC127	AC179		2N2430	2N647	2SD96 2T65R
2SD66	G	N	J	AC127	AC179		2N2430	2N647	2SD96 2T66R
2SD70	S	N	J	BD109 BD107	BDY34	BD124	2N3054		
2SD71	S	N	J	BUY46					
2SD73	S	N	J	BD130	AM291		2N3055		
2SD74	S	N	J	BU110					
2SD75	G	N	J	AC127 AC187K	AC176	AC186	2N2430		
2SD77	G	N	J	AC127	ASY29		2N2430		
2SD78	G	N	J	AC127			2N2430		
2SD79	S	N	J	BUY46					
2SD80	S	N	J	BD130	AM291		2N3055		
2SD81	S	N	J	BD130	AM291		2N3055		
2SD82	S	N	J	BD130	AM291		2N3055		
2SD83	S	N	J	BD130	AM291		2N3055		
2SD84	S	N	J	BU110					
2SD96	G	N	J	AC187K	AC175K				
2SD102	S	N	J	BU110					
2SD104	G	N	J	AC127	AC179		2N2430		2SD96
2SD105	G	N	J	AC127		2N2430		2SD96	
2SD110	S	N	J						2SD111
2SD111	S	N	J						2SD113

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SD113	S	N	J						2SD111
2SD114	S	N	J						2SD113
2SD118	S	N	J	BU110					
2SD119	S	N	J	BU110					
2SD124	S	N	J	BD130	AM291		2N3055	MJD3055	
2SD124A	S	N	J	BD130	AM291		2N3055		
2SD124H	S	N	J	BD130					
2SD125	S	N	J	BD130	AM291		2N3055	MJD3055	
2SD125A	S	N	J	BD130	AM291		2N3055		
2SD125H	S	N	J	BD130					
2SD126H	S	N	J	BU110					
2SD129	S	N	J						
2SD141	S	N	J	BUY43					
2SD142	S	N	J	BUY43					
2SD143	S	N	J	BUY46					
2SD144	S	N	J	BD109	BDY34	BD124	2N3054		2SC830
2SD146	S	N	J	BD109 BD107	BDY34	BD124	2N3054		2SC830
2SD147	S	N	J	BDY13					
2SD151	S	N	J	BD130	AM291		2N3055		
2SD152	S	N	J	BU110					
2SD154	S	N	J	BDY13					
2SD172	S	N	J	BD130	AM291		2N3055		
2SD173	S	N	J	BD130	AM291		2N3055		
2SD174	S	N	J	BUY46					
2SD175	S	N	J	BD130	AM291		2N3055		
2SD176	S	N	J	BD130	AM291		2N3055		
2SD178	G	N	J						25D178A
2SD180	S	N	J	BD130	AM291		2N3055		
2SD182	S	N	J	BUY43					
2SD183	S	N	J	BUY46					
2SD184	S	N	J	BUY46					
2SD185	S	N	J	BUY46					
2SD186	G	N	J	AC127	AC179		2N2430		
2SD187	G	N	J	AC127	AC179		2N2430		
2SD189	S	N	J	BU110					
2SD189A	S	N	J	BU110					
2SD195	G	N	J	AC127	AC179		2N2430		
2SD196	S	N	J	BUY55IV					
2SD197	S	N	J	BUY55IV					
2SD198	S	N	J	BU111					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2SD226	S	N	J	BUY43					
2SD226A	S	N	J	BUY46					
2SD234	S	N	J	BUY46					
2SD235	S	N	J	BUY43					
2T11	G	P	J	AC128	AC131	AC153	2N2431	2N322	2SD48
2T12	G	P	J	AC128	AC131	AC153	2N2431	2N322	2SB48
2T13	G	P	J	AC128	AC131	AC153	2N2431	2N223	2SB49
2T14	G	P	J	AC128	AC131	AC153	2N2431	2N324	2SB49
2T15	G	P	J	AC128	AC131	AC153	2N2431	2N322	2SB48
2T16	G	P	J	AC128	AC131	AC153	2N2431	2N322	2SB48
2T17	G	P	J	AC128	AC131	AC153	2N2431	2N322	2SB48
2T18	G	P	J				2N526		2SB53
2T20	G	P	J	AC128			2N2431		
2T21	G	P	J	AC128	AC131	AC153	2N2431	2N319	2SB51
2T22	G	P	J	AC128	AC131	AC153	2N2431	2N320	2SD51
2T23	G	P	J	AC128	AC131	AC153	2N2431	2N321	2SB52
2T24	G	P	J	AC128	AC131	AC153	2N2431	2N321	2SB52
2T25	G	P	J	AC128	AC131	AC153	2N2431	2N320	2SD51
2T26	G	P	J	AC128	AC131	AC153	2N2431	2N319	2SB51
2T51	G	N	J	AC127	ASY73		2N2430	2N169	2SC76
2T52	G	N	J	ASY73			2N169		2SC77
2T53	G	N	J	ASY74			2N169		2SC73
2T54	G	N	J	ASY74					2T524
2T61	G	N	J	AC127	ASY73		2N2430	2N647	2SD65
2T62	G	N	J	AC127	ASY73		2N2430	2N647	2SD66
2T63	G	N	J	AC127	ASY74		2N2430	2N647	2SD63
2T64	G	N	J	AC127			2N2430	2N1251	2SD64
2T64R	G	N	J	AC127	ASY74		2N2430	2N647	2SD64
2T65	G	N	J	AC127	ASY74		2N2430	2N649	2SD65
2T65R	G	N	J	AC127			2N2430	2N647	2SD65
2T66	G	N	J	AC127	ASY75		2N2430	2N647	2SD66
2T66R	G	N	J	AC127			2N2430	2N647	2SD66
2T67	G	N	J	AC127	ASY75	ASY73	2N2430	2N647	
2T69	G	N	J	AC127			2N2430	2N647	2SD63
2T71	G	N	J	ASY73			2N169		2SC75
2T72	G	N	J	ASY73			2N169		2SC75
2T73	G	N	J				2N168	2N1058	2SC73
2T73R	G	N	J	ASY14			2N168A	2N1086	2SC73
2T74	G	N	J	ASY14			2N168		2T73
2T75	G	N	J				2N169		2SC75

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2T75R	G	N	J	ASY73			2N169	2N293	2SC75
2T76	G	N	J	ASY75			2N169	2N233A	2SC76
2T76R	G	N	J				2N169	2N293	2SC76
2T77	G	N	J				2N169		2SC77
2T77R	G	N	J	ASY73			2N169		2SC77
2T78	G	N	J	ASY73			2N1109	2N1121	
2T78R	G	N	J	ASY73			2N1109	2N1121	2SC78
2T82	G	N	J				2N576		2SD63
2T83	G	N	J				2N576		2SD63
2T84	G	N	J				2N576	2N1101	2SD63
2T85	G	N	J	AC127	ASY73		2N2430	2N1251	2SD63
2T86	G	N	J	AC127			2N2430	2N1101	2SD63
2T89	G	N	J	AC127	ASY73		2N2430	2N643	
2T201	G	P	J	AF178	AF185	AF135	2N2495	2N384	2SA122
2T203	G	P	J	AF178	AF185	AF134	2N2495	2N370	2SA124
2T204	G	P	J	AF178	AF134		2N2495	2N384	
2T204A	G	P	J	AF178			2N2495		
2T205	G	P	J	AF124	AF134		2N384		2SA125
2T205A	G	P	J	AF178			2N2495		
2T311	G	P	J	AC128	AC132	AC153	2N2431	2N322	2SB51
2T312	G	P	J	AC128	AC132	AC153	2N2431	2N322	2SB51
2T313	G	P	J	AC128 AC132	AC131	AC153	2N2431	2N323	2SB52
2T314	G	P	J	AC128 AC153	AC131	AC132	2N2431	2N324	2SB52
2T315	G	P	J	AC128 AC153	AC131	AC132	2N2431	2N508	2SB50
2T321	G	P	J	AC128	AC131	AC153	2N2431	2N319	2SB51
2T322	G	P	J	AC128	AC131	AC153	2N2431	2N320	2SB51
2T323	G	P	J	AC128	AC131	AC153	2N2431	2N321	2SB52
2T324	G	P	J	AC128			2N2431	2N321	2SB52
2T383	G	P	J	AC131	AC132	AC153	2N526		2SB53
2T501	G	N	J				2N326		
2T508				BY127					
2T511	G	N	J	ASY73			2N169		2SC77
2T512	G	N	J	ASY73			2N169		2SC77
2T513	G	N	J	ASY73			2N169	2N194	2SC77
2T520	G	N	J	ASY73			2N169	2N233A	2SC77
2T521	G	N	J	ASY73					2SC76
2T522	G	N	J	ASY73					2SC77
2T523	G	N	J	ASY73					2SC77

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
2T524	G	N	S				2N216		
2T551	G	N	J						2SC73
2T552	G	N	J	ASY74					2SC75
2T681	G	N	J	AC127			2N2430	2N647	2SD61
2T682	G	N	J	ASY73					2SD62
2T701	G	N	J	ASY74			2N168		2SC73
2T2001	G	P	J	AF178	AF124	AF134	2N2495	2N384	2SA121
2T3011	G	P	J	ASZ16	AUY21	AUY28	2N301		2SB140
2T3031	G	P	J	AD149	AD150		2N2836	2N301	2SB143
2T3032	G	P	J	AD149	AD150		2N2836	2N301	2SB144
2T3033	G	P	J	AD149	AD150		2N836	2N301	2SB144
2T3041	G	P	J	AD149	AD150		2N2836		2SB145
2T3042	G	P	J	AD149	AD150		2N2836		2SB146
2T3043	G	P	J	AD149	AD150		2N2836		2SB146
3MC	G	P	A	AF185					
3N25/501	G	P	A	AF185	DC71				
3N62	S	N	A				3N79		
3N63	S	N	A				3N78	3N79	
3N64	S	N	A				3N77	3N79	
3N65	S	N	A				3N79		
3N66	S	N	A				3N78		
3N67	S	N	A				3N77	3N79	
3N68	S	N	A				3N79		
3N68A	S	N	A				3N79	3N108	
3N69	S	N	A				3N78	3N79	
3N70	S	N	A				3N77	3N79	
3N71	S	N	A				3N77	3N79	
3N72	S	N	A				3N78	3N79	
3N73	S	N	A				3N79		
3N74	S	N	A				3N79		
3N75	S	N	A				3N79		
3N76	S	N	A				3N79		
3N77	S	N	A				3N79		
3N78	S	N	A				3N79		
3N87	S	N	A				3N77	3N79	
3N88	S	N	A				3N78	3N79	
3N90	S	P	A				3N110	3N111	
3N91	S	P	A				3N110	3N111	
3N92	S	P	A				3N111		
3N93	S	P	A				3N108	3N111	
3N94	S	P	A				3N108	3N111	

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
3N95	S	P	A				3N109	3N111	
3N100	S	P	A				3N108	3N111	
3N101	S	P	A				3N108	3N111	
3N102	S	P	A				3N108	3N111	
3N103	S	P	A				3N108	3N111	
3N104	S	P	A				3N108	3N111	
3N105	S	P	A				3N108	3N111	
3N106	S	P	A				3N108	3N111	
3N107	S	P	A				3N108	3N111	
3N108	S	P	A				3N111		
3N109	S	P	A				3N111		
3N110	S	P	A				3N111		
3N112	S	P	A				3N108	3N111	
3N113	S	P	A				3N108	3N111	
3N114	S	P	A				3N110	3N111	
3N115	S	P	A				3N110	3N111	
3N116	S	P	A				3N111		
3N117	S	P	A				3N110	3N111	
3N118	S	P	A				3N110	3N111	
3N119	S	P	A				3N111		
3N120	S	P	A				3N111		
3N121	S	P	A				3N111		
3N123	S	P	A				3N111		
3N127	S	N	A				3N79		
3N128	S	N	A				3N142		
3N129	S	P	A				3N108	3N111	
3N130	S	P	A				3N108	3N111	
3N131	S	P	A				3N108	3N111	
3N132	S	P	A				3N108	3N111	
3N133	S	P	A				3N108	3N111	
3N134	S	P	A				3N108	3N111	
3N135	S	P	A				3N108	3N111	
3N136	S	P	A				3N108	3N111	
3N138	S	N	A				3N139		
3N139	S	N	A				3N138		
3N140	S	N	A				3N141		
3N141	S	N	A				3N140		
3N142	S	N	A				40486		
3N143	S	N	A				3N148		
3N152	S	N	A				3N143		
3N153	S	N	A				3N138		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
3N154	S	N	A				40467A		
3N159	S	N	A				3N140		
3N160	S	P	A				3N161		
3N161	S	P	A				3N160		
3NU40	G	P	A	AC126			2N2429		
3NU70	G	P	A	AC126			2N2429		
4JD1A17	G	P	A	AC128			2N2431		
4JX1E850	G	P	A	AC127			2N2430		
4JX2A601	G	N	A	AC127			2N2430		
4JX2A816	G	N	A	AC127			2N2430		
4JX16A567	G	N	A				2N4401	2N3566	
4JX16A667	S	N	A				2N4400	2N4401	
							SE6001	SE6002	
4JX16A668	S	N	A				2N4401	2N3566	
4JX16A669	S	N	A				2N4401	2N3566	
NU40	G	P	A	AC126			2N2429		
NU70	G	P	A	AC126			2N2429		
5MC	G	P	A	AF185					
5XT2	G	P	A	AC126			2N2429		
8D	G	P	A	AF185	OC45				
8E	G	P	A	AF185	OC45				
8F	G	P	A	AF185	OC45				
12HO1	G	P	A	AF185					
12MC	G	P	A	AF185					
16G2	S	N	A				2N5770	2N3563	
16J1	S	N	A				2N5772	2N4275	
16J2	S	N	A				2N5772	2N4275	
16K1	S	N	A				SE5002		
16K2	S	N	A				SE5002		
16K3	S	N	A				SE5003		
16L42	S	N	A				2N4123	EN4123	
16L43	S	N	A				2N4123	EN4123	
16L44	S	N	A				2N4123	EN4123	
20MG	G	P	A	AF185					
25T1	G	P	A	AF185					
26T1	G	P	A	AF185					
31T1	G	P	A	AF185					
32T1	G	P	A	AF185					
33T1	G	P	A	AF185					
34-6000-3	G	P	A	AF185					
34-6000-16	G	P	A	AC128			2N2431		
34-6000-18	G	P	A	AF185					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
34-6000-19	G	P	A	AF185					
34-6000-28	G	P	A	AC128			2N2431		
34-6000-33	G	P	A	AC128			2N2431		
34-6008	G	P	A	AC128			2N2431		
34-6009	G	P	A	AC128			2N2431		
34T1	G	P	A	AF185					
35T1	G	P	A	AF185					
36T1	G	P	A	AF185					
37T1	G	P	A	AF185					
44T1	G	P	A	AC128			2N2431		
82T1	G	P	A	AD149			2N2836		
99AT6	G	P	A	AC128			2N2431		
99B5	G	P	A	AC128			2N2431		
99BA6	G	P	A	AF185					
99BE6	G	P	A	AF185					
99L6	G	N	A	AC127			2N2430		
99SQ7	G	N	A	AC127			2N2430		
121-19	G	P	A	AC128			2N2431		
121-27	G	P	A	AC128			2N2431		
121-34	G	P	A	AC128			2N2431		
121-44	G	P	A	AF185					
121-45	G	P	A	AF185					
121-46	G	P	A	AC128			2N2431		
121-47	G	P	A	AC128			2N2431		
121-48	G	P	A	AF185					
121-49	G	P	A	AF185					
121-51	G	P	A	AF185					
121-52	G	P	A	AC128			2N2431		
121-53	G	P	A	AF185					
121-54	G	P	A	AF185					
121-61	G	P	A	AC128			2N2431		
121-62	G	P	A	AF185					
121-63	G	P	A	AF185					
121-64	G	P	A	AC128			2N2431		
121-65	G	P	A	AF185					
121-66	G	P	A	AF185					
121-67	G	P	A	AF185					
121-68	G	P	A	AC128			2N2431		
121-69	G	P	A	AC128			2N2431		
121-72	G	P	A	AF185					
121-73	G	P	A	AF185					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
121-74	G	P	A	AF185					
121-75	G	P	A	AF185					
121-76	G	P	A	AF185					
121-78	G	P	A	AF185					
121-83	G	P	A	AF185					
121-91	G	P	A	AF185					
121-92	G	P	A	AF185					
121-93	G	P	A	AF185					
121-95	G	P	A	AC128			2N2431		
121-96	G	P	A	AC128			2N2431		
121-100	G	P	A	AF185					
121-102	G	P	A	AF185					
121-103	G	P	A	AF185					
121-104	G	P	A	AF185					
121-105	G	P	A	AF185					
121-106	G	P	A	AC128			2N2431		
121-107	G	P	A	AC128			2N2431		
121-120	G	P	A	AC128			2N2431		
121-128	G	P	A	AF185					
121-161	G	P	A	AF185					
121-162	G	P	A	AF185					
121-164	G	P	A	AC128			2N2431		
121-179	G	P	A	AF185					
121-180	G	P	A	AF185					
121-190	G	P	A	AC128			2N2431		
121-191	G	P	A	AC128			2N2431		
121-192	G	P	A	AC128			2N2431		
121-1032	G	P	A	AC128			2N2431		
121-1033	G	P	A	AC128			2N2431		
121-1034	G	P	A	AC128			2N2431		
121-1035	G	P	A	AC128			2N2431		
121-1036	G	P	A	AC128			2N2431		
25T1	G	P	A	AC128			2N2431		
126T1	G	P	A	AC128			2N2431		
127T1	G	P	A	AC128			2N2431		
153T1	G	P	A	AF185					
154T1	G	P	A	AF185					
155T1	G	P	A	AF185					
156T1	G	P	A	AF185					
157T1	G	P	A	AF178			2N2495		
159T1	G	P	A	AF185					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
160T1	G	P	A	AF178			2N2495		
161T1	G	P	A	AF178			2N2495		
162T	G	P	A	AF178			2N2495		
222	G	P	A	AF185	OC45				
225	G	P	A	AF185	OC45				
228	G	P	A	AF185	OC44				
234	G	P	A	AF185					
300	G	P	A	OC72					
301	G	P	A	OC72					
302	G	P	A	OC72					
310	G	P	A	AC126	OC72		2N2429		
350	G	P	A	AC128	OC72		2N2431		
352	G	P	A	AC128	OC72		2N2431		
353	G	P	A	AC128	OC72				
421T1	G	P	A	AC128			2N2431		
486T1	G	P	A	AC126			2N2439		
501T1	G	P	A	AF178			2N2495		
503T1	G	P	A	AF178			2N2495		
570C	G	P	A	OC58					
641T1	G	P	A	AC128			2N2431		
665T1	G	P	A	AC126			2N2429		
687T1	G	P	A	AC126			2N2429		
688T1	G	P	A	AC126			2N2429		
689T1	G	P	A	126			2N2429		
690T1	G	P	A	AC126			2N2429		
691T1	G	P	A	AC126			2N2429		
692T2	G	P	A	AC126			2N2429		
760	G	P	A	AF185					
761	G	P	A	AF185					
941T1	G	P	A	AC126			2N2429		
965T1	G	P	A	AC126			2N2429		
987T1	G	P	A	AC128			2N2431		
988T1	G	P	A	AC128			2N2431		
989T1	G	P	A	AC126			2N2429		
990T1	G	P	A	AC126			2N2429		
991T1	G	P	A	AC126			2N2429		
992T1	G	P	A	AC126			2N2429		
1032	G	P	A	AC128	OC72		2N2431		
1033	G	P	A	AC128	OC72		2N2431		
1034	G	P	A	AC128	OC72		2N2431		
1035	G	P	A	AC128	OC72		2N2431		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
121-74	G	P	A	AF185					
121-75	G	P	A	AF185					
121-76	G	P	A	AF185					
121-78	G	P	A	AF185					
121-83	G	P	A	AF185					
121-91	G	P	A	AF185					
121-92	G	P	A	AF185					
121-93	G	P	A	AF185					
121-95	G	P	A	AC128			2N2431		
121-96	G	P	A	AC128			2N2431		
121-100	G	P	A	AF185					
121-102	G	P	A	AF185					
121-103	G	P	A	AF185					
121-104	G	P	A	AF185					
121-105	G	P	A	AF185					
121-106	G	P	A	AC128			2N2431		
121-107	G	P	A	AC128			2N2431		
121-120	G	P	A	AC128			2N2431		
121-128	G	P	A	AF185					
121-161	G	P	A	AF185					
121-162	G	P	A	AF185					
121-164	G	P	A	AC128			2N2431		
121-179	G	P	A	AF185					
121-180	G	P	A	AF185					
121-190	G	P	A	AC128			2N2431		
121-191	G	P	A	AC128			2N2431		
121-192	G	P	A	AC128			2N2431		
121-1032	G	P	A	AC128			2N2431		
121-1033	G	P	A	AC128			2N2431		
121-1034	G	P	A	AC128			2N2431		
121-1035	G	P	A	AC128			2N2431		
121-1036	G	P	A	AC128			2N2431		
25T1	G	P	A	AC128			2N2431		
126T1	G	P	A	AC128			2N2431		
127T1	G	P	A	AC128			2N2431		
153T1	G	P	A	AF185					
154T1	G	P	A	AF185					
155T1	G	P	A	AF185					
156T1	G	P	A	AF185					
157T1	G	P	A	AF178			2N2495		
159T1	G	P	A	AF185					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
1160T1	G	P	A	AF178			2N2495		
1161T1	G	P	A	AF178			2N2495		
1162T	G	P	A	AF178			2N2495		
2222	G	P	A	AF185	OC45				
2225	G	P	A	AF185	OC45				
2228	G	P	A	AF185	OC44				
2234	G	P	A	AF185					
3300	G	P	A	OC72					
3301	G	P	A	OC72					
3302	G	P	A	OC72					
3310	G	P	A	AC126	OC72		2N2429		
3350	G	P	A	AC128	OC72		2N2431		
3352	G	P	A	AC128	OC72		2N2431		
3353	G	P	A	AC128	OC72				
4421T1	G	P	A	AC128			2N2431		
4486T1	G	P	A	AC126			2N2439		
5501T1	G	P	A	AF178			2N2495		
5503T1	G	P	A	AF178			2N2495		
5570C	G	P	A	OC58					
1641T1	G	P	A	AC128			2N2431		
1665T1	G	P	A	AC126			2N2429		
1687T1	G	P	A	AC126			2N2429		
1688T1	G	P	A	AC126			2N2429		
1689T1	G	P	A	126			2N2429		
1690T1	G	P	A	AC126			2N2429		
1691T1	G	P	A	AC126			2N2429		
692T2	G	P	A	AC126			2N2429		
760	G	P	A	AF185					
761	G	P	A	AF185					
941T1	G	P	A	AC126			2N2429		
965T1	G	P	A	AC126			2N2429		
987T1	G	P	A	AC128			2N2431		
988T1	G	P	A	AC128			2N2431		
989T1	G	P	A	AC126			2N2429		
990T1	G	P	A	AC126			2N2429		
991T1	G	P	A	AC126			2N2429		
992T1	G	P	A	AC126			2N2429		
1032	G	P	A	AC128	OC72		2N2431		
1033	G	P	A	AC128	OC72		2N2431		
1034	G	P	A	AC128	OC72		2N2431		
1035	G	P	A	AC128	OC72		2N2431		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
1036	G	P	A	AC128	OC72		2N2431		
1320	G	P	A	AC128	OC72		2N2431		
1330	G	P	A	AC128	OC72		2N2431		
1340	G	P	A	AC128	OC72		2N2431		
1350	G	P	A	AC128	OC72		2N2431		
1360	G	P	A	AC128	OC72		2N2431		
1390	G	P	A	AF185	OC45				
1400	G	P	A	AF185	OC45				
1410	G	P	A	AF185	OC45				
3435	G	P	A	AF185					
3504	G	P	A	AC126			2N2429		
6100-35	G	P	A	AC128			2N2431		
09390	G	P	A	AC128			2N2431		
09391	G	P	A	AC128			2N2431		
12119	G	P	A	AC128			2N2431		
2152	G	P	A	AC128			2N2431		
2153	G	P	A	AF185	OC44				
2161	G	P	A	AC128			2N2431		
12163	G	P	A	AF185					
12165	G	P	A	AF185	OC45				
12166	G	P	A	AF185	OC45				
12173	G	P	A	AF185	OC45				
12178	G	P	A	AF185					
40022	G	P	A				40050		
40050	G	P	A				40051		
40051	S	N	A	BDX13			2N3715		
40080	S	N	A				40081		
40081	S	N	A				40080		
40082	S	N	A				40081		
40084	S	N	A				2N2897		
40231	S	N	A				40232		
40232	S	N	A				40232		
40233	S	N	A				2N718A		
40234	S	N	A				40233		
40235	S	N	A				40472		
40236	S	N	A				40235		
40237	S	N	A				40474		
40238	S	N	A				40239	40240	
40239	S	N	A				40240		
40240	S	N	A				40239		
40242	S	N	A				40478		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
40243	S	N	A				40478		
40244	S	N	A				40480		
40245	S	N	A				40481	40246	
40246	S	N	A				40481	40245	
40250	S	N	A				40250V1		
40250V1	S	N	A				40250		
40251	S	N	A				2N3771		
40254	G	P	A				40051	40022	
40261	G	P	A				40487		
40262	G	P	A				40488		
40263	G	P	A				40490	40395	
40279	S	N	A				2N3375		
40280	S	N	A				2N4427		
40281	S	N	A						
40282	S	N	A				2N3632		
40290	S	N	A				40291		
40291	S	N	A				40290		
40292	S	N	A				40282		
40294	S	N	A				2N2857		
40295	S	N	A				2N2708		
40296	S	N	A				2N3839		
40305	S	N	A				2N3553		
40306	S	N	A				2N3375		
40307	S	N	A				2N3532		
40309	S	N	A				40311	40315	
40309V1	S	N	A				40309		
40309V2	S	N	A				40309		
40310	S	N	A				40314	40324	
40310V1	S	N	A				40310	40314	
40311	S	N	A				40314		
40311V1	S	N	A				40311	40314	
40311V2	S	N	A				40311	40314	
40312	S	N	A				40316		
40313	S	N	A				40318		
40314	S	N	A				40315		
40314V1	S	N	A				40314	40315	
40314V2	S	N	A				40314	40315	
40315	S	N	A				40314		
40315V1	S	N	A				40315	40314	
40315V2	S	N	A				40315	40314	
40316	S	N	A				40312		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
40317	S	N	A				40320		
40317V1	S	N	A				40317	40320	
							40326		
40317V2	S	N	A				40317	40320	
							40326		
40318	S	N	A				40322		
40319	S	P	A				40362		
40319V1	S	P	A				40319		
40319V2	S	P	A				40319		
40320	S	N	A				40317		
40320V1	S	N	A				40320	40317	
40320V2	S	N	A				40320	40317	
40321	S	N	A				40327		
40321V1	S	N	A				40321		
40321V2	S	N	A				40321		
40322	S	N	A				40318		
40323	S	N	A				40309		
40323V1	S	N	A				40323		
40323V2	S	N	A				40323	40309	
40324	S	N	A				40316		
40325	S	N	A				2N3715		
40326	S	N	A				40320	40317	
40326V1	S	N	A				40326	40320	
							40317		
40326V2	S	N	A				40326	40320	
							40317		
40327	S	N	A				40385		
40327V1	S	N	A				40327		
40327V2	S	N	A				40327		
40328	S	N	A				2N4240		
40329	G	P	A						
40340	S	N	A				40341		
40341	S	N	A				40340		
40346	S	N	A				40412		
40346V1	S	N	A				40346		
40346V2	S	N	A				40412		
40347	S	N	A				40348		
40347V1	S	N	A				40347		
40347V2	S	N	A				40347		
40348	S	N	A				40349		
40348V1	S	N	A				40348		
40348V2	S	N	A				40348		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
)349	S	N	A						
)349V1	S	N	A				40348		
)349V2	S	N	A				40348		
)354	S	N	A				40355		
)355	S	N	A				40354		
)359	G	P	A				40263		
)360	S	N	A				40361		
)360V1	S	N	A				40360		
)360V2	S	N	A				40360		
)361	S	N	A				40360		
)361V1	S	N	A				40361		
)361V2	S	N	A				40361		
)362	S	P	A				40319		
)362V1	S	P	A				40362		
)362V2	S	P	A				40362		
)363	S	N	A				2N3715		
)364	S	N	A						
)366	S	N	A				2N2405		
)366V1	S	N	A				40366		
)366V2	S	N	A				40366		
)367	S	N	A				40366		
)367V1	S	N	A				40367		
)367V2	S	N	A				40367		
)368	S	N	A				2N1486		
)369	S	N	A				2N4914		
)372	S	N	A				2N3054		
)373	S	N	A				2N3441		
)374	S	N	A				2N3583		
)375	S	N	A				2N3879		
)385	S	N	A				2N4063		
)385V1	S	N	A				40385	2N4063	
)385V2	S	N	A				40385	2N4063	
)389	S	N	A				40392	2N3053	
)390	S	N	A				2N3440		
)391	S	P	A				40394	2N4037	
)392	S	N	A				40389		
)394	S	P	A				2N4037		
)395	G	P	A				40263		
)396	G	N	A						
)397	S	N	A				40453		
)398	S	N	A				40454		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
40399	S	N	A				40455		
40400	S	N	A				40456		
40405	S	N	A				40519		
40406	S	P	A						
40407	S	N	A				40408		
40408	S	N	A						
40409	S	N	A				2N5053		
40410	S	P	A				2N4036		
40411	S	N	A				2N3715		
40412	S	N	A				40412V1	40412V2	
40412V1	S	N	A				40412		
40412V2	S	N	A				40412		
40413	S	N	A				TIP33		
40414	S	N	A				TIP33		
40421	G	P	A				2N2147		
40439	G	P	A				2N3731		
40440	G	P	A				2N3731		
40446	S	N	A				40582		
40450	S	N	A				2N3241A		
40451	S	N	A				2N3242A		
40452	S	N	A				2N4074		
40453	S	N	A				2N3242A		
40454	S	N	A				2N3242A		
40455	S	N	A				40398	40399	
40456	S	N	A				40400		
40458	S	N	A				40459	2N3241A	
40459	S	N	A				2N3241A		
40462	G	P	A				40421		
40467A	S	N	A				3N154		
40468	S	N	A				40468A		
40468A	S	N	A				40559		
40472	S	N	A				40473		
40473	S	N	A				40472		
40474	S	N	A				40237		
40475	S	N	A				40476	40477	
40476	S	N	A				40475	40477	
40477	S	N	A				40475	40476	
40478	S	N	A				40479		
40479	S	N	A				40478		
40480	S	N	A				40474		
40481	S	N	A				40482		
40482	S	N	A				40481		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
40487	G	P	A				40488	40261	
40488	G	P	A				40261		
40489	G	P	A				40487		
40490	G	P	A				40395	2N2953	
40491	S	N	A						
40513	S	N	A				2N5035		
40514	S	N	A				40513		
40517	S	N	A				40518	2N3839	
							40296		
40518	S	N	A				40517	2N3839	
							40296		
40519	S	N	A				40405		
40537	S	P	A				2N5322	40362	
40538	S	P	A				2N5322		
40539	S	P	A				40635		
40542	S	N	A				40543		
40543	S	N	A				40633		
40544	S	N	A				40392		
40559	S	N	A				40468A		
40559A	S	N	A				40467A		
40577	S	N	A				2N3118		
40578	S	N	A				2N3866		
40581	S	N	A				40582		
40582	S	N	A				40581		
40600	S	N	A				40673		
40601	S	N	A						
40602	S	N	A				40603		
40603	S	N	A				40602		
40604	S	N	A				40603		
40608	S	N	A				2N5108		
40611	S	N	A				40616		
40612	G	P	A				40623		
40613	S	N	A				2N6121		
40618	S	N	A				2N6121		
40621	S	N	A				2N6122		
40622	S	N	A				2N6122		
40623	G	P	A				40626		
40624	S	N	A				2N6122		
40625	S	N	A				40628		
40626	G	P	A				40051		
40627	S	N	A				2N6122		

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP
40628	S	N	A				40625		
40629	S	N	A				2N6121		
40630	S	N	A				2N6122		
40631	S	N	A				2N6121		
40632	S	N	A				2N6121		
40633	S	N	A				40543		
40634	S	P	A				2N4314	2N4036	
40635	S	N	A				2N3053		
40636	S	N	A				40363		
40637	S	N	A						
40673	S	N	A				3N159		
814044A	G	P	A	AC128			2N2431		
815020	G	P	A	AF185					
815021	G	P	A	AF185					
815023	G	P	A	AC128			2N2431		
815024	g	P	A	AC128			2N2431		
815025	G	P	A	AF185					
815025A	G	P	A	AF185					
815027	G	P	A	AF185					
815028	G	P	A	AF185					
815029	G	P	A	AC128			2N2431		
815030	G	P	A	AC128			2N2431		
815031	G	P	A	AC128			2N2431		
815034	G	P	A	AC128			2N2431		
815036	G	P	A	AF185					
815037	G	P	A	AF185					
815038	G	P	A	AC128			2N2431		
815041	G	P	A	AF185					
815043	G	P	A	AF185					
815068	G	P	A	AC128			2N2431		
815070A	G	P	A	AC128			2N2431		
815075	G	N	A	AC127			2N2430		
815076	G	N	A	AC127			2N2430		
815103	G	P	A	AF185					
							2N2431		
815104	G	P	A	AC128					
815105	G	P	A	AF185					
825065	G	P	A	AF185					

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

TYPE	G/S	P/N	F	EUR	EUR	EUR	AM	AM	JAP

ISBN 3-7723-5553-6